

arco[®]
Experts in Safety

Hose, Ducting & Fittings

Issue

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Arco Hose Division

Arco Hose Division is one of the UK's largest distributors of industrial hose, built upon the core principles of service, quality and expert advice.

As part of Arco's commitment to continuous improvement and to meet customers' changing expectations, in 2020 Arco invested £2m in a purpose-built hose facility to provide greater storage capacity and new specialist testing equipment.

Service

Supplying hose solutions and associated products to the industry for over 100 years. Arco Hose is now recognised as the UK's centre of excellence supplying over 6,000 customers nationwide.

Offering access to over 3,000 product lines and over 600,000 metres of hose, Arco hose boasts one of the largest stock holdings of industrial hose in the UK and can offer next day delivery on stocked products if the order is placed before 3pm.

Arco Hose has assembly and manufacturing facilities enabling the manufacture of bespoke hose assemblies in house. Hose assemblies can be externally crimped from 6mm through to 305mm and internally swaged from 51mm up to 305mm. Giving peace of mind that the assembly specified will perform and is built to last.



Quality

Our team of certified National Association for Hose and Accessories Distributions (NAHAD) technicians pressure test hose assemblies using fixed and portable hydrostatic testing equipment. This guarantees that they are safe to use for their intended application and gives customers assurance they have complete integrity and will be safe to use in its intended application.

Each assembly is marked with a unique identification number for complete traceability.

Tel: 01482 383 288

www.arco.co.uk

www.arcosafety.ie



Expert Advice

Our technical experts can provide advice on best practice, hose safety, hose management services and relevant legislation and standards. They can offer selection advice on the best product for your job and technical support.

We have a dedicated specialist customer support team, on hand to answer your call. With extensive hose expertise they are able to guide you through the order process and help answer any of your technical questions or product enquiries. Ensuring you receive a consistent level of service and product excellence.

Tel: 01482 383288



Tailored for You

Along with our extensive stock offering we also have some of the best assembly and manufacturing facilities in the UK.

With our team of NAHAD trained fitters, we can create bespoke hoses, from a simple airline to high risk chemical transfer, with fittings to your exact order requirements. We have the knowledge, stock and equipment to meet your exacting requirements.

Our assembly offer includes:

- Manufactured hose assemblies from 3mm to 305mm ID
- External crimping from 6mm to 305mm
- Internal swaging from 51mm to 305mm
- Band It® Preformed Clamping Systems
- Range of industrial and hygienic fittings from stock
- Wide range of clamping options available
- Bulk Offshore Assemblies to DNV-GL Approval
- Testing Facilities to proof pressure test any assembly we make

Giving you peace of mind that the assembly you have specified will perform and is built to last.



General Purpose PVC



1. Braid Plus Phthalate Free PVC Reinforced Clear Hose

High performance, multipurpose reinforced, food quality hose.

Manufactured using DEHP free and Phthalate free PVC and approved for food contact, under European Regulation (EU) 10/2011 tested with fruit juices, wines, milk and alcohols. Ideal to convey many liquids and gases under pressure. Smooth bore ensures optimum flow and excellent transparency help to locate any blockages. It also offers good resistance to a wide range of chemicals and is non toxic and suitable for food use. Please note this hose is not suitable for use with solvents.

Temperature Range: -15°C to +60°C. **Standard Length:** 30 metre.

Construction: Lining: Food Quality Clear PVC.

Cover: Food Quality Clear PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Weight (kg/coil)	Code
6.3	11	22	330	2.2	41P1006
8	13	21	315	3.0	41P1008
10	16	20	300	4.3	41P1010
12.5	18	20	300	4.7	41P1013
16	23	20	300	7.7	41P1016
19	26	20	300	8.9	41P1019
25	33	16	240	13.1	41P1025
32	42	12	180	20.9	41P1032
38	48	12	180	27	41P1040
50	62	9	135	38.2	41P1050
100 Metre Coils.					
12.5	17.5	10	147	15.6	410C013
19	26	9	132	29.6	410C019
25	31	9	132	43.6	410C025

All pressure ratings quoted at ambient temperature.



2. Braid PVC Reinforced Clear Hose

Manufactured using DEHP free PVC and approved for food contact, under European Regulation (EU) 10/2011 tested with fruit juices and wine. Simulants tested to A,B,C. Please note this hose is not suitable for use with solvents.

Temperature Range: -15°C to +60°C. **Standard Length:** 30 metre.

Construction: Lining: Food Quality Clear PVC.

Cover: Food Quality Clear PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Weight (kg/coil)	Code
6.3	10.5	13	195	2.0	4101006
8	12	13	195	2.2	4101008
10	14	13	195	2.7	4101010
12.5	17.5	13	195	4.2	4101013
16	22	13	195	6.2	4101016
19	24	13	195	6.0	4101019
25	31	13	195	9.5	4101025
32	40	12	180	16.4	4101032
38	46	11	165	19.0	4101040
50	60	8	120	31.7	4101050



3. Braid Plus Phthalate Free PVC Reinforced Coloured Hose

High performance, multipurpose reinforced, food quality hose.

Manufactured using DEHP free and Phthalate free PVC and approved for food contact, under European Regulation (EU) 10/2011 tested with fruit juices, wines, milk and alcohols. Ideal to convey many liquids and gases under pressure. Smooth bore ensures optimum flow and excellent transparency help to locate any blockages. It also offers good resistance to a wide range of chemicals and is non toxic and suitable for food use. Please note this hose is not suitable for use with solvents.

Temperature Range: -15°C to +60°C. **Standard Length:** 30 metre.

Construction: Lining: Food Quality PVC. **Cover:** Food Quality PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Weight (kg/coil)	Red Code	Blue Code
6.3	11	22	330	2.2	4140006	4132106
10	16	20	300	4.3	4140010	4132110
12.5	18	20	300	4.7	4140013	4132113
19	26	20	300	8.9	4140019	4132119

All pressure ratings quoted at ambient temperature.



4. High Visibility Reinforced PVC Hose

Manufactured from food approved cadmium and silicone free materials. This high visibility PVC hose is designed for air and water applications in low light conditions where visibility is reduced. The bright outer cover helps the hose stand out against its surroundings, aiding operators and helping reduce trip hazards.

Temperature Range: -15°C to +60°C. **Standard Length:** 30 metre

Construction: Lining: Food Quality PVC **Cover:** Food Quality PVC

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code
10	16	16	240	41V1010
12.5	18.5	15	225	41V1013
19	26	15	225	41V1019



General Purpose PVC



5. Lightweight Reinforced PVC Hose

Extremely flexible and kink-resistant multi-purpose air hose, suitable for a wide range of workshop applications.

Applications: Ideal for pneumatic and air tool applications where it's lightweight and flexibility reduce user fatigue.

Temperature Range: -15°C to +65°C. **Standard Length:** 30 metre.

Construction: Lining: Food Quality PVC. **Cover:** Food Quality PVC.

Longer lengths and other colours are available subject to minimum order quantities.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Black Code	Blue Code	Red Code
6	10.5	17.9	260	4103006	4103106	4103206
8	12.5	15.2	220	4103008	4103108	4103208
10	14	13.1	190	4103010	4103110	4103210
12	17	11.0	160	4103013	4103113	4103213

All pressure ratings quoted at ambient temperature.



6. Airsoft Performance Air Hose

Airsoft sets a new standard of flexibility for compressed air use, suitable for a wide range of workshop, pneumatic and reel applications.

Applications: Ideal for air tool and reel applications with its lightweight and flexibility.

Temperature Range: -20°C + 60°C. **Standard Length:** 50 metre.

Construction: 5 layered construction in extra flexible PVC

Lining: Extra soft red oil resistant PVC.

Cover: Extra smooth black non staining and oil resistant PVC. **Reinforcement:** Polyester

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Weight (G/M)	Bend Radius (mm)	Code
6.3	11	16	240	77	35	4120006
8	13	16	240	100	50	4120008
10	15.5	16	240	134	70	4120010
12.7	19	16	240	190	100	4120013

All pressure ratings quoted at ambient temperature.



7. Silicone Non-Reinforced Tube

Manufactured from FDA and WRC approved ingredients which are non-toxic and suitable for use in food, medical and pharmaceutical applications. Silicone is odourless, tasteless and possesses good resistance to ultra violet, ozone, gases and moisture.

Standard Coil Length: 25 metre.

Temperature Range: -100°C to +260°C.

Construction: Lining: Clear Silicone

2.5 mm ID x 4.5 mm OD	3950102	6.3 mm ID x 12.7 mm OD	3950306
3 mm ID x 7 mm OD	3950203	7.5 mm ID x 9.5 mm OD	3950107
3.2 mm ID x 5.2 mm OD	3950103	8 mm ID x 12 mm OD	3950208
3.2 mm ID x 9.6 mm OD	3950303	8 mm ID x 14.4 mm OD	3950308
4 mm ID x 6 mm OD	3950104	10 mm ID x 14 mm OD	3950210
4 mm ID x 8 mm OD	3950204	10 mm ID x 16.4 mm OD	3950310
4.8 mm ID x 11.2 mm OD	3950304	12.7 mm ID x 19.1 mm OD	3950313
5 mm ID x 7 mm OD	3950105	16 mm ID x 22.4 mm OD	3925316
5 mm ID x 11.4 mm OD	3950305	19 mm ID x 25.4 mm OD	3925319
6 mm ID x 10 mm OD	3950205	25.4 mm ID x 31.8 mm OD	3925325



8. Silicon Reinforced Hose

Manufactured from the same FDA and WRC approved compounds as the un-reinforced tubing. This product is reinforced with polyester fibre making it suitable for hygienic applications where pressure resistance is required.

Temperature Range: -100°C to +260°C.

(Can be low pressure steam cleaned/sterilised in-line or autoclaved up to 120°C).

Standard Coil Length: 30 metre.

Pressure ratings up to 175 psi depending on size and temperature

(Please contact us for advice).

Construction: Lining: Clear Silicone. Cover: Clear Silicone

3 mm ID x 9 mm OD	3960309	12.5 mm ID x 20.5 mm OD	3961220
6 mm ID x 12 mm OD	3960612	16 mm ID x 25.6 mm OD	3961625
3 mm ID x 9.4 mm OD	3960394	19 mm ID x 30.6 mm OD	3961930
6 mm ID x 12.4 mm OD	3966124	22.2 mm ID x 33.8 mm OD	3962333
8 mm ID x 14.4 mm OD	3968144	25.4 mm ID x 37.4 mm OD	3962537
10 mm ID x 15.9 mm OD	3961015		

9. PVC Un-Reinforced Clear Tube

Suitable for low pressure water delivery applications. Manufactured from non toxic DEHP and Phthalate free PVC and approved for food contact, under European Regulation (EU) 10/2011.

Please note this hose is not suitable for use with solvents. If in doubt please consult the Arco Hose Division.

Temperature Range: -15°C to +65°C. **Standard Length:** 30 metre. **Construction:** Lining: Food Quality Clear PVC.



I.D. (mm)	O.D. (mm)	Wall Thickness (mm)	Code
3	6	1.5	4100703
5	8	1.5	4100705
6	9	1.5	4100706
8	11	1.5	4100708
10	13	1.5	4100710
12	15	1.5	4100713

I.D. (mm)	O.D. (mm)	Wall Thickness (mm)	Code
19	22	1.5	4100719
10	16	3	4100810
12	18	3	4100813
19	25	3	4100819
25	31	3	4100825

All pressure rating quoted at ambient temperature.

Compressor Hoses

The Devil is in the Detail

We pride ourselves on supplying you with the safest, most reliable products available in the market today. Our standard all-rubber compressor hose is a great example of the attention to detail that we apply to all of our products.

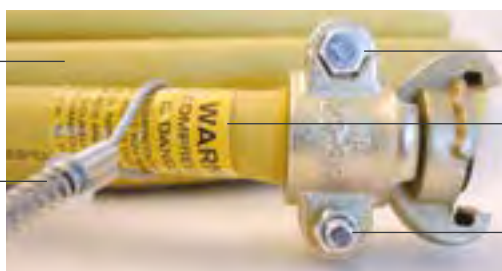
Insist on rubber for air applications which offers a longer working life, remains flexible and has a greater coupling retention than PVC.

ALL RUBBER CONSTRUCTION

EN2398 Type 4 Class A, only rubber hose can quote this reference. Benefits over PVC products are greatly improved low temperature flexibility, better abrasion resistance and better coupling retention for a safer site work.

SAFETY CLAMPS

We only use interlocking safety clamps to prevent potential coupling blow-out and potential injuries.



NYLOC NUTS

Prevents the bolts from working loose due to repeated vibration. We recommend to always check clamps prior to use.

WHIPCHECKS

Available to promote safer working practice when connecting hose to hose and hose to tool/compressor.

SAFETY LABEL

A waterproof and highly visible warning label reinforces the safety message. Always check the integrity of hose, fittings and clamps prior to use.

For added security we recommend the use of Whipchecks
See page 36.



1. All Rubber Compressor Hose Assembly

A very durable all rubber compressor hose fitted with safety clamps and QR fittings. This assembly offers a longer working life with superior coupling retention. Remains flexible in very cold weather, and is much less susceptible to 'softening' in warmer summer months. Assembly complete with malleable iron quick release couplings secured by safety claw type clamps. Fitted with Nyloc nuts as standard.

Temperature Range: -35°C to +80°C. **Standard Length:** 15 metre.

Construction: Lining: Oil Mist Resistant SBR Rubber.

Cover: Smooth Yellow SBR Rubber.

Standard Compressor Assembly

3901119

All pressure ratings quoted at ambient temperature.



2. EN2398 US Quick Release Swaged Compressor Hose

A durable all rubber compressor hose fitted with QR Fittings. Assembly complete with malleable iron US version quick release couplings secured by swaging.

3. EN2398 MacDonald Compatible Swaged Compressor Hose

Assembly complete with MacDonald compatible couplings secured with interlocking ferrules for maximum coupling retention. The female coupling freely rotates eliminating hose twist and potential kinking, the male has a threaded locking ring to avoid accidental disconnection.

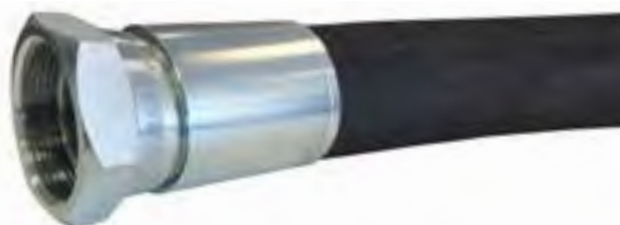
4. EN2398 Quick Release Swaged Compressor Hose

A very durable all rubber compressor hose fitted with QR Fittings. Assembly complete with malleable iron quick release couplings secured by swaging and complete with whipcheck for added safety.

US QR Swaged
Compressor Hose
Assembly 3901122

MacDonald Compatible
Compressor Hose
Assembly 3901123

All Rubber Compressor
Hose Swaged with
Whipcheck 3901121



5. 40 Bar Black Compressor Hose Assembly

A heavy duty hydraulic compressor hose assembly fitted with 2" BSP swivel females widely used for compressed air, water and hydraulic systems and a range of high pressure applications.

Standard Length: 15 metre. **Application:** high pressure hydraulic systems.

Tube: Hydraulic oil resistant synthetic rubber. **Reinforcement:** High tensile steel wire braid.

Cover: Oil, abrasion and weather resistant wrapped synthetic rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Burst Pressure (bar)	(psi)	Code
50	63	40	600	160	2400	3901301

All pressure ratings quoted at ambient temperature.

General Purpose Rubber

6. Long Length Rubber Air / Water Hose

- All rubber construction complies with EN2398 specification.
- Improved flexibility, particularly in external applications where low temperatures can cause flexing problems with PVC or hybrid hoses.
 - Available with an antistatic liner for critical applications
 - Better coupling retention due to rubber lining for safer use in application.
 - Excellent resistance to external abrasion when being dragged.
 - Good value for money.
 - Burst Ratio 3:1

Construction: Standard Yellow or Black:

Lining: Oil Mist Resistant SBR Rubber.

Cover: Smooth SBR Rubber.

Temperature Range: -35°C to +80°C.

Standard Length: 6mm to 16mm - 100 metre. 19mm to 25mm - 60 metre.

Construction: Black Antistatic

Lining: Electrically Conductive SBR Rubber.

Cover: Smooth Black SBR Rubber.

Temperature Range: -35°C to +80°C.

Standard Length: 6mm to 16mm - 100 metre. 19mm to 25mm - 60 metre.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	Working Pressure (psi)	Anti-Static Black	Black Cover	Yellow Cover
6	14	20	300	3900206	3901606	3901406
8	16	20	300	3900208		3901408
10	18	20	300	3900210	3901610	3901410
13	22	20	300	3900213	3901613	3901413
16	26	20	300	3900216		
19	30	20	300	3900219	3601619	3901419
25	36	20	300	3900225	3901625	3901425

All pressure ratings quoted at ambient temperature



7. Mandrel Built 300 psi Yellow Air/Water Hose

High quality mandrel-built rubber hose, designed to offer superior weather, ozone and abrasion resistance. For compressed air plant and equipment in civil engineering and industry. Also suitable for water and mild water-based slurries in delivery applications.

Temperature Range: -40°C to +70°C.

Burst Ratio: 3:1.

Standard Length: 40 metre.

Construction:

Lining: Oil Mist Resistant SBR Rubber.

Cover: Cloth Finish Yellow SBR/EPDM Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	Working Pressure (psi)	Code
13	23	20.7	300	3902013
19	30	20.7	300	3902019
25	37	20.7	300	3902025
32	46	20.7	300	3902032
38	52	20.7	300	3902038
51	67	20.7	300	3902051

All pressure ratings quoted at ambient temperature.

8. Mandrel Built 300 psi Black Air/Water Hose

Suitable for airlines or compressors and for the delivery of water and water-based slurries in general industrial, civil engineering and agricultural uses. Suitable for heavy duty air applications such as compressors.

Temperature Range: -40°C to +70°C.

Burst Ratio: 3:1.

Standard Length: 40 metre.

Construction:

Lining: Oil Mist Resistant SBR Rubber.

Cover: Cloth Finish Black SBR/EPDM Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	Working Pressure (psi)	Code
13	22	20.7	300	3904013
19	28	20.7	300	3904019
25	35	20.7	300	3904025
32	46	20.7	300	3904032
38	52	20.7	300	3904038
51	65	20.7	300	3904051
76	92	20.7	300	3904076

All pressure ratings quoted at ambient temperature.

General Purpose Rubber



1. Radiator Hose

A mandrel-built, EPDM rubber, radiator hose manufactured to DIN 73411 specification. Excellent resistance to heat, weather and ozone. Suitable for transfer of water in radiator systems.

Temperature Range: -30°C to +120°C. **Standard Length:** 1 metre. Longer length available.

Construction: Lining: EPDM Rubber. **Cover:** Cloth Finish Black EPDM Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure		Code
		(bar)	(psi)	
12.7	21	6.9	100	3901013
16	24	6.9	100	3901016
19	27	6.9	100	3901018
22	31	6.9	100	3901022
25	33	6.9	100	3901025
32	40	6.9	100	3901032
38	46	5.5	80	3901038
45	53	5.5	80	3901045
51	59	5.5	80	3901051
55	65	3.4	50	3901055
57	65	3.4	50	3901057
63	71	3.4	50	3901063
70	78	3.4	50	3901070
76	84	2.8	40	3901076
85	95	2.8	40	3901085
90	100	2.8	40	3901090
102	112	3.4	50	3901102
114	125	3.4	50	3901114
127	140	3.4	50	3901127

All pressure ratings quoted at ambient temperature.



3. Car Heater Hose

Black, smooth, flexible rubber hose specially designed for refrigerants. For use throughout industry where engine cooling with closed cooling systems is required.

Temperature Range: -40°C to +100°C. **Standard Length:** 20 metre.

Construction: Lining: EPDM Rubber. **Cover:** Smooth Black EPDM Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure		Code
		(bar)	(psi)	
13	20	10	145	3912413
16	24	10	145	3912416
19	27	10	145	3912419

All pressure ratings quoted at ambient temperature.

5. Workshop Hose Assemblies

A ready to use all rubber air hose fitted with brass BSP cone female fittings, crimped in for optimum coupling retention. Ideal for air tools in smaller workshop environments.

Hose Construction:

Liner: Oil Mist Resistant SBR Rubber.

Cover: Smooth SBR Rubber

Other lengths and sizes available, please contact us with your requirements.



Hose I.D. (mm)	Hose Length (mtr)	BSP Fittings	Working Pressure		Code
			(bar)	(psi)	
6	10	1/4"	20	300	39W1600
6	20	1/4"	20	300	39W1601
8	10	1/4"	20	300	39W1602
8	20	1/4"	20	300	39W1603
8	10	3/8"	20	300	39W1604
8	20	3/8"	20	300	39W1605



2. Welding Hose

All rubber gas welding and cutting hose providing excellent kink and crush resistance and manufactured to BS EN 559: 1994.

Application: Gas welding and cutting and also suitable for air and water applications.

Temperature Range: -20°C to +70°C. **Standard Length:** 100 metre.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	Burst Pressure (bar)	Blue Oxygen (psi)	Red Acetylene (psi)	Orange Propane (psi)
6	13	20.0	290	60.0	780	3937006 3937406 3937806
8	15	20.0	290	60.0	870	3937008 3937408 3937808
10	17	20.0	290	60.0	870	3937010 3937410 3937810

All pressure ratings quoted at ambient temperature.



4. Welding Hose Assembly

High quality EN ISO 3821:2010 certified hose lengths.

- Pre-fitted with EN 730-2 certified double safety check valves, nuts & tails.
- Leak tested to EN 1256:2006.
- Highly resistant to kinks & abrasion.
- Available in 5, 10 and 20 m fitted lengths with a wide range of bore & fitting sizes.
- 30 metre assemblies available to special order.

Diam (mm)	Length (m)	Check (in)	Fittings (in)	Acet Code	Oxy Code	Propane Code
6	5	1/4	3/8	39W0003	39W0001	39W0002
6	10	1/4	3/8	39W0006	39W0004	39W0005
6	20	1/4	3/8	39W0008	39W0007	
8	5	3/8	3/8	39W0020	39W0018	39W0019
8	10	3/8	3/8	39W0023	39W0021	39W0022
8	20	3/8	3/8	39W0026	39W0024	39W0025
10	5	3/8	3/8	39W0011	39W0009	39W0010
10	10	3/8	3/8	39W0014	39W0012	39W0013
10	20	3/8	3/8	39W0017	39W0015	39W0016



6. Pre-Formed Nylon Airline Coils

Compact preformed airline coils. Manufactured from grade 12 Nylon offering a high resistance to oil, petrol and other organic and inorganic media. Eurolon is light in weight, offering excellent flexibility, expansion and retention for ease of use.

Comes complete with BSPT Male swivel compression couplings and spring, ensuring full airflow and hose kink prevention.

All coils contained within sealed polyethylene tube with identification label.

Temperature Range: -40°C to +80°C.

Max. Working Pressure: 15 bar.

I.D. (mm)	O.D. (mm)	Working Length (m)	Coil ID (mm)	End Fittings	Colour	Code
6	8	5	76	¼ in BSPT	Blue	4131005
6	8	5	76	¼ in BSPT	Red	4130005
6	8	10	76	¼ in BSPT	Blue	4131010
6	8	10	76	¼ in BSPT	Red	4130010
8	10	10	76	¼ in BSPT	Blue	4133010
8	10	10	76	¼ in BSPT	Red	4132010
9	12	10	89	¾ in BSPT	Blue	4135010
9	12	10	89	¾ in BSPT	Red	4134010

Prevost Conex Push Fit Range

Conex push-in fittings ensure simple and quick connection and disconnection on pneumatic circuitry. These push-in fittings are lightweight, tough and easy to install.

A broad range: push-fit coupling with tapered or cylindrical thread, connection couplings flow and regulators.

Key features:

- Teflon coated tapered thread
- Stainless steel prongs ensure excellent form of tube in coupling
- Vibration resistant
- Available to suit tube OD from 4mm up to 16mm
- For use on compressed air systems, up to 10 bar pressure with a service temperature of up to 60°C.

Also available in nickel plated brass and stainless steel.

Please contact us for more information on 01482 383288.



7. Natural Nylon Tubing - Heavy Wall

Suitable for pneumatic controls, airlines, lubrication and fuel lines. Metric NMF reference, semi-rigid, flexible tube manufactured from Nylon 12.

Temperature Range: -40°C to +80°C.

Standard Length: 30 metre.

Construction:

Lining: Nylon Virgin Polymer Type 12.

For increased flexibility we would recommend Polyurethane, call us for further details.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code
2.5	4	28.6	415	4122104
3.3	5	31.0	450	4122105
4	6	24.7	358	4122106
5.5	8	22.9	332	4122108
7	10	21.9	317	4122110

All pressure ratings quoted at ambient temperature.



8. Flexible Nylon Tube

Suitable for pneumatic controls, airlines, lubrication and fuel lines. Metric NMF reference, semi-rigid, flexible tube manufactured from Nylon 12.

Temperature Range: -40°C to +80°C.

Standard Length: 30 metre.

For increased flexibility we would recommend Polyurethane, call us for further details.

I.D. (mm)	O.D. (mm)	Natural	Red	Yellow	Green	Blue	Black
3	4	4121104	4121204	4121304	4121404	4121504	4121604
4.5	6	4121106	4121206	4121306	4121406	4121506	4121606
6	8	4121108	4121208	4121308	4121408	4121508	4121608
7.5	10	4121110	4121210	4121310	4121410	4121510	4121610
9.5	12	4121113	4121213	4121313	4121413	4121513	4121613

Suction Hose PVC



1. Clear Wire Reinforced PVC Suction & Delivery Hose

Clear, flexible, food-grade PVC hose with an embedded steel wire offers a versatile hose for suction and delivery applications. Clear construction allows blockages to be seen and located.

For conveying water, slurries, dilute chemicals, edible and non edible liquids and solids.

Temperature Range: -25°C to +60°C.

Standard Length: Up to 4" - 30 metre. 6" - 20 metre

Construction:

Lining: Clear Food Quality PVC.

Cover: Clear Food Quality PVC.

I.D. (mm)	O.D. (mm)	Working Pressure		Code
		(bar)	(psi)	
13	19	12	174	5301013
16	22	10.5	152	5301016
19	26	9	130	5301019
25	33	8.5	123	5301025
32	40.5	8	116	5301032
38	47	8	116	5301038
51	61	6	87	5301051
63	74	5.5	80	5301063
76	90	4.5	65.3	5301076
102	118	3	43.5	5301102
152	170	2	29	5301152

All pressure ratings quoted at ambient temperature.



2. MDSE Performance PVC Suction & Delivery Hose

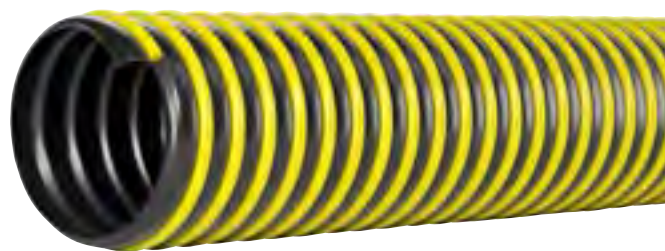
The Spirabel MDSE Performance hose sets a new standard for heavy-duty industrial applications. Light and very flexible even at low temperatures, with excellent abrasion resistance due to its external spiral reinforcement. The smooth interior ensures low flow resistance and avoids the creation of build-up zones. The Spirabel MDSE Performance hose is particularly adapted for emptying and draining work.

Temperature Range: -25°C to +60°C

Standard Length: 30m

Construction: PVC wall with a rigid shock-proof PVC spiral and external abrasion-resistant coating

I.D. (mm)	O.D. (mm)	Working Pressure		Code
		(bar)	(psi)	
51	60	5	73	5344051
76	87	4	58	5344076
102	116	3	44	5344102



3. Novaflex Yellow Jack Sanitation Hose

All plastic sanitation suction hose, smooth bore for optimum flow. A unique interlock construction for extreme flexibility and kink resistance. Crush resistant with external wear rib to prevent damage from abrasion. Suitable for liquid transfer, sanitary and cesspool and suction for machine and tank liquids.

Material: EVA/Polyethylene Co-polymer. **Reinforcement:** PVC Spiral.

Temperature Range: -40°C to +60°C.

Standard Length: 38 mm to 76 mm 15 metre, 102 mm 7.6 metre.

Available with factory fitted cuffed ends.

I.D. (mm)	Length (m)	Code
51	15	5347051
76	15	5347076



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to ask about our

Bespoke Assembly Offer

Suction Hose PVC



4. Dragon SE Suction & Delivery Hose

Excellent flexibility - exposed helix design provides enhanced flexibility over traditional products. Minimum drag resistance - exposed helix acts as an anti scuff facility providing an extremely low drag coefficient. Exceptional vacuum strength - capable of full vacuum service. Particularly suitable for low temperature flexibility applications - suction and discharge of slurries, light chemicals, liquid fertilisers in agriculture, tank trucks etc.

Temperature Range: -15°C to +60°C.

Standard Length: 30 metre.

203mm - 10 metre. Available to order

Construction:

Lining: Elastic Grade PVC.

Cover: Hard Blue Nylon Spiral.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Code
25	39	6.7	97	662	5300025
38	49	5.3	77	662	5300038
51	67	5	73	663	5300050
63	77	4.7	68	662	5300063
76	92	4.3	62	662	5300076
102	120	4	58.8	662	5300102
152	171	3	44.1	662	5300152

All pressure ratings quoted at ambient temperature.



5. Lightweight Green Tint PVC Suction & Delivery Hose

Excellent quality, PVC delivery hose featuring translucent construction that will allow the conveyed materials to be visible. Widely used in the agricultural/horticultural and marine market and also suitable for conveying water. Particularly useful within agriculture for transferring liquid fertilisers, dilute chemicals and insecticides.

Temperature Range: -15°C to +65°C

Standard Length: 30 metre.

Construction:

Lining: Translucent Green PVC.

Cover: Translucent Green PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code
19	24.6	9	132.3	5303019
25.4	32	8	117	5303025
31.8	39	7	101.5	5303032
38	45.4	6.5	94.3	5303038
51	59.2	6	88	5303051

All pressure ratings quoted at ambient temperature.



6. Superflexible PVC Suction & Delivery Hose

Manufactured from elastic grade PVC making this medium duty suction hose very flexible and easy to handle, even at low temperatures. Very durable, PVC construction, featuring a crush-resistant PVC helix with optimum flow maintained through the smooth bore. Suitable for water, slurries, liquids, sewage, light solids and dilute chemicals.

Temperature Range: -15°C to +65°C.

Standard Length: 30 metre.

Construction:

Lining: Elastic Grade Green PVC.

Cover: Elastic Grade Green PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Code
25	33.4	9	132.3	662	5353025
32	40.8	8	116	662	5353032
38	47	8	116	662	5353038
51	60.4	7.3	106	662	5353051
63	73.4	6.7	97	662	5353063
76	87.6	6	87	662	5353076
89	101.4	5	73	662	5353089
102	115.5	4.7	68	662	5353102
127	141	4	58	588	5353127

All pressure ratings quoted at ambient temperature.



7. Medium Duty PVC Suction & Delivery Hose

Competitively priced PVC suction and discharge hose, favoured by plant hire, pump hire and utilities.

For conveying water, dilute chemicals and a range of non edible liquids and solids.

Tough flexible and extremely durable.

Temperature Range: -15°C to +65°C.

Standard Length: 30 metre.

Construction:

Lining: Olive Green PVC.

Cover: Olive Green PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Code
25	32	5	73	515	5302025
32	39	5	73	515	5302032
38	45.8	5	73	515	5302038
51	59.6	5	73	515	5302051
63	71.8	4	58	515	5302063
76	86	4	58	515	5302076
102	114	3	44	515	5302102
152	166.2	3	44.1	515	5302152

All pressure ratings quoted at ambient temperature.

Garden Hose



1. Tricoflex Reinforced PVC Delivery Hose

Suitable for conveying water to gardens, lawns, market gardens and crops. Used extensively in horticulture, agriculture and public amenities.

Temperature Range: -15°C to +60°C.

Construction: Lining: Smooth black two-layer inner tube.

Reinforcement: Woven fibre reinforcement. **Cover:** Smooth UV Resistant Yellow PVC.

Working Pressure: 8 bar. **Standard Length:** 25, 50 and 100 metre coils

I.D. (mm)	O.D. (mm)	Code 25m Coil	Code 50m Coil	Code 100m Coil
12.5	18	41T3913	41T4013	41T4113
15	21	41T3915	41T4015	-
19	26	41T3919	41T4019	41T4119
25	33	41T3925	41T4025	41T4125
30	39	41T3932	41T4032	-
40	51	41T3938	41T4038	-
50	63	41T3951	41T4051	-

All pressure ratings quoted at ambient temperature.



2. Hozelock TuffHose Assembly

A new advanced hybrid garden hose, combining the best of two hose technologies - traditional PVC and textile.

Up to 50% lighter compared to traditional hoses this super tough and durable assembly is easy to manoeuvre and kink free.

Supplied complete with heavy duty connections, tap connector and nozzle.

Available in 3 lengths; 12.5m, 25m & 30m

Hozelock 8112 12.5m TuffHose Assembly	5489290
Hozelock 8125 25m TuffHose Assembly	5489291
Hozelock 8135 35m TuffHose Assembly	5489292



3. Garden Reel Assembly Complete

Fully assembled hose reel supplied with 30m of hose and fittings.

- Premium-quality knitted garden hose
- Includes high-quality ABS/rubber nozzle
- Supplied with threaded tap adapter

Value Reel Assembled	5489500
Bare Hose Reel	5489501



4. Garden Hose Knitted PVC

A premium-quality knitted garden hose.

- Suitable for use with standard garden reels and fittings
- 13mm x 30m

5489502



5. Tricoflex Primabel Water Hose

A 5 layered knitted garden hose with a foam structure, making it light and soft.

Temperature Range: -15°C to +60°C

Standard Lengths: 25 metres and 50 metres

Construction:

Lining: Black PVC. **Cover:** Soft Yellow PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	Working Pressure (psi)	Bend Radius (mm)	Coil Length (mtrs)	Code
12.5	17	8	116	140	25	4112512
12.5	17	8	116	140	50	4115012
19	24	6	88	200	50	4115019

All pressure ratings quoted at ambient temperature.



6. Garden Hose 4pc Trigger Fitting Kit

An entry level garden hose fitting kit.

Comprising of;

- 1 x Tap connector
- 1 x Hose connector
- 1 x Water-stop hose connector
- 1 x Adjustable trigger nozzle

5489504



7. Garden Hose 4pc Fittings Kit Premium

A premium quality hose fitting kit. Made from ABS material with rubber grips for easier handling when wet.

Comprising of;

- 1 x Tap connector
- 1 x Hose connector
- 1 x Water-stop hose connector
- 1 x Adjustable nozzle

4pc Fittings Kit Premium	5489503
End Connector 13mm	5489505
Water Stop Connector 13mm	5489506
Tap Connector	5489507
Adjustable Spray Nozzle	5489508



8. Evergreen Garden Hose

Evergreen Garden Hose.
12.7 mm ID x 17 mm OD.

25 metre	4104425
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9. Hozelock Superhoze Kit

Expandable hose with a durable polyester outer. Anti-kink construction. Supplied with fittings; 1x nozzle, 2 x aquastops, 1 x tap connector.

15m	8015	5489278
30m	8030	5489279



10. Hozelock Maxi Plus Hose Set

Hozelock Maxi plus 4 layer braided reinforcement hose, general purpose, hard wearing. Set includes hose, spray nozzle, tap and general connectors. Available in 12mm hose in 15m and 30m lengths.

30m	7230	5489275
15m	7215	5489277



11. Hozelock Assembled Reel

Fully assembled Hose Reel supplied with 20 metre of hose and fittings.

Ref 2431	5489250
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12. Hozelock 20m Enclosed Hosebox 2382

Enclosed hose reel complete with 20 metre maxi plus hose and spray nozzle, connectors and tap connector.

Ref 2382	5489270
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13. Hozelock Compact Reel

Freestanding hose reel with 30 metre capacity, complete with maxi plus hose and tap connector, nozzle and connectors.

Compact Reel c/w 15m Hose	2412	5489271
Compact Reel c/w 25m Hose	2415	5482415



14. Hozelock Auto Reel & Finespray

The ultimate in garden hose management. This wall mounted reel combines the self-layering mechanism with automatic hose re-wind, allowing the user to walk the hose effortlessly back to the reel. Complete with a wall bracket that allows the reel to pivot through 180 degrees. The reel comes ready assembled with 20 metre hose, fittings and accessories.

Ref 2401	5489254
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15. Hozelock Fast Reel

Designed for the larger garden, with a capacity of 40 metre. Features self-layering technology making hose re-wind quick, clean and efficient. Simply turn the handle and the hose rewinds neatly onto the reel. Ready assembled with 40 metre of 12 mm (1/2 inch) hose, all fittings and accessories. This is a free standing unit.

Ref 2494	5489255
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16. Hozelock Hose Cart complete with 30metre Hose

Thru-flow hose storage system that offers the user great mobility. Comes complete with 30 metre hose, tap connector, nozzle and all necessary fittings. Requires assembly.

Ref 2436	5489256
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17. Hozelock Pressure Sprayers

Popular pressure sprayers that are easy to fill and use with all sizes featuring a carry strap. Long reach lance has adjustable nozzle and can be clipped into the handle for easy storage.

5 litre	4705	5489262
7 litre	4707	5489263
10 litre	4710	5489273
16 litre	4716	5489274

18. Hozelock Accessories

A range of Hozelock connectors including tap connectors, joiners and quick release connectors.

Hozelock Repair Connector 13mm	2100	5489200	Hozelock Adjustable Spray Nozzle	2292	5489207	Hozelock Rectangular Sprinkler	2972	5489257
Hozelock End Connector 13mm	2050	5489201	Hozelock Wall Hanger 19mm x 30m	2362	5489282	Hozelock Multispray Plus Gun	2684	5489272
Hozelock Outdoor Tap Connector 13mm	2175	5489202	Hozelock Jet Spray Nozzle	2674	5489210	Hozelock 500ml Sprayer	4120	5489260
Hozelock Universal Tap Connector	2176	5489203	Hozelock Multi Spray Nozzle	2676	5489211	Hozelock Mechanical Timer	2210	5489293
Hozelock Universal Mixer Tap Con	2177	5489204	Hozelock Short Car Wash Brush	2602	5489213	Hozelock Car Brush Set	2624	5489258
Hozelock Aqua Stop Connector 13mm	2055	5489205	Hozelock Medium Car Wash Brush	2604	5489214	Hozelock Ultramax Jet	2696	5489280
Hozelock Male/Male Connector	2291	5489206	Hozelock Tap Starter Kit	2352	5489253	Hozelock Ultramax Multi	2698	5489281
						Hozelock 1ltr Sprayer		5489265

Pump



1. Rubber Suction and Delivery Hose Assemblies

A very durable wire reinforced 10 bar rubber hose fitted with Bauer compatible ball and socket fittings - male one end, female the other - secured by swage. For pumping of water, slurries, sewage etc.

Construction: Lining: SBR Rubber.

Cover: Cloth Finish Black SBR/EPDM Rubber.

Size	Code	Size	Code
6 metre x 51 mm	3912300	3 metre x 203mm	3912313
6 metre x 76 mm	3912301	3 metre x 254mm	3912314
6 metre x 102 mm	3912302	3 metre x 305mm	3912315
3 metre x 152 mm	3912303		

Flanged Rubber Suction and Delivery Hose Assemblies

A very durable wire reinforced 16 bar rubber hose fitted with PN16 flanges secured by swage. For high pressure pumping of water, slurries, sewage etc.

Construction: Lining: SBR Rubber.

Cover: Cloth Finish Black SBR/EPDM Rubber.

6 metre x 102mm	3912316
3 metre x 152mm	3912317
3 metre x 203mm	3912318



3. Water Suction and Delivery Hose

Durable, mandrel-built, rubber hose with twin steel helix. Constant pressure and excellent vacuum rating for heavy-duty suction applications. Good resistance to both external and internal abrasion.

For handling water, water-based slurries, sewage and mild abrasive powders.

Temperature Range: -25°C to 70°C.

Standard Length: 40 metre.

Construction:

Lining: SBR Rubber.

Cover: Cloth Finish Black SBR/EPDM Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Bend Radius (mm)	Vacuum (mm Hg)	Weight (kg/m)	Coil Length (m)	Code
25	35	10	145		690	0.76	61	3912025
32	42	10	145		690	0.91	61	3912032
38	47	10	145	228	690	1.09	61	3912038
51	61	10	145	306	690	1.52	61	3912051
63	75	10	145	381	690	2.2	61	3912063
76	87	10	145	458	690	2.47	61	3912076
102	114	10	145	610	690	3.64	61	3912102
152	169	10	145	915	690	7.63	30	3912152
203	222	10	145	1219	690	12.23	20	3912203
254	279	10	145	1524	690	18.17	10	3912254
305	338	10	145	1829	690	26.6	3	3912305



2. MDS PVC Suction and Delivery Hose Assemblies

Flexible and hardwearing PVC medium duty suction and delivery hose fitted with Bauer compatible ball and socket couplings - male one end, female the other end. Secured by Band-It strapping. Designed for conveying water, sewage, dilute chemicals and a range of non-edible liquids and solids.

Construction: Lining: Olive Green PVC.

Cover: Olive Green PVC.

Size	Working Pressure (bar)	Code
6 metre x 51 mm	5	5302200
6 metre x 76 mm	4.5	5302201
6 metre x 102 mm	3.5	5302202



4. Galvanised Pipe c/w leverlock each end

A long lasting galvanised pipe fitted with high quality bauer compatible ball and socket couplings which allow for quick and easy coupling connection.

Application: Used to convey liquids

6 metre x 51mm	5372051	6 metre x 152mm	5372152
6 metre x 76mm	5372076	6 metre x 203mm	5372203
6 metre x 102mm.	5372102	6 metre x 305mm	5372305



5. Polypipe Assy c/w leverlocks

LDPE Polyethylene Polypipe with leverlock fittings in each end.

Rigid pipe fitted with quality bauer compatible ball and socket coupling each end to allow a quick and easy coupling connection.

Extensively used for conveyance of liquids.

6 metre x 51mm	5368051	6 metre x 152mm	5368152
6 metre x 76mm	5368076	6 metre x 203mm	5368203
6 metre x 102mm	5368102	6 metre x 305mm	5368305



6. Sunny Layflat Reinforced PVC Delivery Hose

High quality reinforced PVC layflat hose that offers exceptional value for money. For use on the discharge side of pumps in drainage and irrigation and for conveying non solvent based liquids. It is also suitable for conveying mild abrasive powders.

Temperature Range: -40°C to +80°C. **Construction:** **Lining:** Blue PVC. **Cover:** Blue PVC.

Standard Length: 38mm to 76mm - 100 metre. 102mm to 203mm - 50 metre.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code	76	80	3.9	56	4113076
25	28	5.8	84	4113025	102	106	3.9	56	4113102
32	35	5.8	84	4113032	152	156	2.9	42	4113152
38	41	5.0	72	4113038	203	208	2.9	42	4113203
51	54	4.4	64	4113051	254	262	2.5	36	4110254
63	66	3.9	56	4113063	305	313	2.0	29	4110305

All pressure ratings quoted at ambient temperature.



7. Sunny Layflat PVC Delivery Hose Assemblies

Good quality lined reinforced blue layflat pressure hose supplied complete with ball and socket couplings - male one end, female the other end. For pump discharge & irrigation applications and suitable for water, water based slurries etc.

Supplied in 25 & 50 metre lengths.

I.D. (mm)	Length 25m	Length 50m	I.D. (mm)	Length 25m	Length 50m
51 mm	4113300	4113304	51 mm	4113300	4113304
76 mm	4113301	4113305	76 mm	4113301	4113305



8. Medium Duty Yellow PVC Layflat Hose

A high quality medium duty layflat delivery hose rated to at least 6 bar working pressure across the range. Widely used for construction and industrial pumping applications where a heavier duty hose is required.

Temperature Range: -5°C to +65°C **Burst Ratio:** 3:1

Standard Length: 38mm to 76mm - 100 metre 102mm & 152mm - 50 metre

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code	102	109	6	87	41PH102
38	44	7	102	41PH038	127	133	6	87	41PH127
51	56	6	87	41PH051	152	160	6	87	41PH152
76	81	6	87	41PH076	All pressure ratings quoted at ambient temperature.				



9. Economy Blue PVC Layflat Delivery Hose

A high quality economy layflat delivery hose rated to 4 bar working pressure across the range. Widely used for drainage in the fields for agriculture, gardening, construction projects, industrial and mining applications.

Temperature Range: -5°C to +65°C **Burst ratio:** 3:1

Standard Length: 25mm to 76mm - 100 metre 102mm & 152mm - 50 metre

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code	76	80	4	58	41PB076
25	29	4	58	41PB025	105	106	4	58	41PB102
32	35	4	58	41PB032	152	158	4	58	41PB152
38	44	4	58	41PB038	203	208	3	44	41PB203
51	55	4	58	41PB051	All pressure ratings quoted at ambient temperature.				



10. EPDM Rubber Layflat 10 bar Hose

Ideal for heavy duty water, slurry and dilute chemicals delivery. EPDM rubber provides excellent resistance to temperature, ozone and ultra-violet, making the hose suitable for outdoor applications. Can be coiled flat for easy storage and transportation.

Temperature Range: -30°C to +100°C. **Standard Length:** 60 metre.

Construction: **Lining:** EPDM Rubber. **Cover:** Cloth Finish Black EPDM Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code
51	58	10	145	3910051
76	83	10	145	3910076
102	110	10	145	3910102
152	165	10	145	3910152

All pressure ratings quoted at ambient temperature.



11. WRAS Layflat Hose c/w Inst Couplings

Aquaflow is a flexible layflat hose for potable water applications. WRAS approved to BS6920-1:2000. The hose is a two-component system consisting of a transparent polyurethane inner lining and a synthetic polyester outer jacket. An additional blue NBR synthetic rubber exterior coating with ribs is applied for ease of handling and further resistance to abrasion. The hose is suitable for all fresh water applications and food grade applications and suited for public and local water supply, water and utilities industries as well as marine and emergency transfer. The hose comes complete in various lengths (others are available to order)

Assembled Hose

Assemblies will be supplied with instantaneous couplings, secured with a wire whip for maximum retention.

Length	I.D. (mm)	Working Pressure (bar)	(psi)	Burst Pressure (bar)	(psi)	Code
10	63	17	246	50	725	4116110
20	63	17	246	50	725	4116120
30	63	17	246	50	725	4116130
Loose Hose 25	17	246	50	725		4116225
Loose Hose 63	17	246	50	725		4116263

Hand Built Rubber Hose

Hand built rubber hoses are the ideal solution for the most demanding applications where a standard off the shelf hose just isn't up to the job.

Available in diameters from 50mm up to 1000mm and lengths up to 12 metres long, the majority of applications can be served with this engineered solution.

Products range from solid rubber tubes and sleeves, textile reinforced discharge hoses, fully embedded wire and tyre cord reinforced suction hoses as well as complex heavy-duty structures; incorporating steel rings for high vacuum and external crush-loading protection.



Couplings are manufactured to suit the hoses, we can offer the following coupling systems:

- Built-in
- Rubber lined
- Integral
- Beaded end
- Cuffed ends.

A wide range of rubber compounds means almost any application can be manufactured for, from water to aggressive chemicals & abrasives

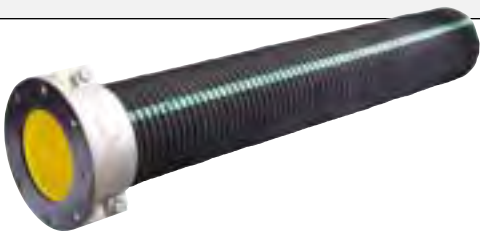
Applications include:

- Ship-to-ship & Ship-to-shore (fuel, chemical, abrasive)
- Water Pumping
- Roof tank drain
- Bitumen
- Water cooling
- Dredge suction & discharge
- Mining/Quarry high abrasion



Slurry King

Material Handling Hose



Tough, versatile alternative to inflexible, cumbersome steel tubing. The easy handling and reusable quick-fastening flange system makes installation quick and simple. Absorbs system vibration and saves wear on equipment. Compensates for thermal expansion and contraction. Reduces noise and serves as a flexible connection for hard piping misalignment. Can be cut on site for immediate installation. No welding necessary.

Size Range: 2" ID up to 14"
Available with many inner tube compounds to meet specific material handling needs.
Construction:
Tube: Black abrasion, red abrasion, black natural, pure gum or yellow Novaware (depending on application)
Reinforcement: Fabric and helix wire

Cover: Ozone and ultra violet resistant
Temperature Range:
-40°F (-40°C) to +160°F (+71°C)
(depending on compound)
Standard Length: 18.3m
Split flange coupling system & gaskets available for all sizes of hose.

Please contact us for further information.

Novaflex 5011



Vacuum Boom or Port Hose Heavy duty corrugated vacuum hose. Corrugated outer cover for easy of handling. Designed for full vacuum boom applications. Smooth inner tube for enhanced material flow. Abrasion resistant tube for extended wear.
Size Range: 2½" up to 8"
Construction:
Tube: ¾" Tan abrasion resistant rubber
Reinforcement: Plies of fabric with helix wire
Cover: Black corrugated
Temperature Range: -40°F (-40°C) to +160°F (+71°C)
Standard Length: 15m
Longer lengths & cuffed ends available to order. Please contact us for further information.

Fish Transfer Hose



A flexible PVC hose reinforced with a non deformable rigid PVC spiral, coupled with a smooth inside wall makes this hose ideal for marine water and pumping fish transfer applications. Manufactured from non toxic food approved material which is resistant to marine salt and atmospheric agents. Flexible and easy to use.
Temperature range: -15°C +65°C
Available in diameters from 4" (100mm) up to 14" (356mm)
Standard length: 10 metre
Blue or green spiral options.
Please contact us for more information



1. Animal Feed Hose
Very flexible, rubber hose that offers excellent abrasion resistance against grain, corn, animal feedstuff and many other abrasive materials.
• Abrasion resistant SBR/EPDM rubber cover and steel wire helix with a natural rubber lining.
• All hoses also feature 100 mm free-of-wire cuff for easy clamping and an extended copper wire for earthing couplings.
• All hoses 102 mm inside diameter.
Temperature Range: -40°C to +80°C.
Construction: Lining: Natural Rubber (NR).
Cover: Corrugated Black SBR/EPDM Rubber.

Size	Working Pressure		Code
	(bar)	(psi)	
2.13	4	60	3918001
2.44	4	60	3918002
2.75	4	60	3918003
3.05	4	60	3918004
3.66	4	60	3918005
4.57	4	60	3918006
All pressure ratings quoted at ambient temperature.			



1. Shotblast Hose 12bar

Complies with BS EN ISO 3861 - offers high abrasion resistance against shot, sand and other abrasive materials.

Temperature Range: -40°C to +70°C. **Coil Length:** 40 metre

Construction: Lining: Black Natural High Abrasion Rubber

Cover: Cloth Finish Black High Abrasion SBR Rubber.

Working Pressure: 12bar

I.D. (mm)	O.D. (mm)	Code	I.D. (mm)	O.D. (mm)	Code
13	28	3923500	25	39	3923600
19	35	3923502	32	48	3923601
19	38	3923503	32	54	3923602

All pressure ratings quoted at ambient temperature.



2. Shot Blast Couplings Nylon

A hard wearing coupling for use with Arco shot blast hose. Available as a quick release or nozzle holder.

Type	Size	Code
Quick Release Coupling	39mm OD	5447439
Quick Release Coupling	48mm OD	5447448
Quick Release Coupling	54mm OD	5447454
Nozzle Holder	39mm OD	5447339
Nozzle Holder	48mm OD	5447348



3. Twin Air Hose

Top quality rubber hoses which are joined together alleviating the need to tape hoses together.

Application: Used for conveying compressed air to and from air operated tools and equipment.

Temperature: -35°C to +80°C. **Standard length:** 100 metre

Construction: Lining: Black NR+SBTR+EPDM Rubber

Cover: Green/ Yellow EPDM Rubber

Reinforcement: Spiral polyester yarn

ID: 6mm

Green/Yellow	3923604
Red/Yellow	3923605



4. Deadman Handle

Used in the blasting industry where operator safety is paramount. . " BSP inlets for easy connection.

Often used in conjunction with twin airline, Arco product code 3923604 & 3923605

Deadman Handle 1/4" Inlet	5447350
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Made to order

Contact the Hose Division for complete 'Blast Hose'

Assemblies on

01482 383288.



5. Prevost Breathing Air Couplings

High quality plated steel couplings for use on breathing air applications. Interchangeable with CEJN 341 series fitting. Available with male or female BSP threaded connections.

Coupling 1/4" BSP Female	54P1106
Coupling 1/4" BSP Male	54P1206
Coupling 3/8" BSP Male	54P1210
Plug 1/4" BSP Male	54P1306
Plug 3/8" BSP Male	54P1310



6. Breathing Air Hose Noble Air AS/R

Nobelair AS/R is a top of the range reinforced hose for breathable air specially designed for compressed air supply to individual protective apparatus, linking comfort of use to resistance in the most arduous conditions. The hose is anti-static, heat resistant and a 5 layer construction with polyester reinforcement. Due to its extreme flexibility and light weight it is very user friendly and its considerable thickness ensures a retained profile.

Temperature Range: up to +70°C at 6 bar.
Standard Length: 50 metre.
Construction:
Liner: Antistatic black PVC.
Cover: Blue oil resistant PVC.
Reinforcement: Polyester textile 2 inner intermediate PVC layers.

Standards: EN 14593 and EN 14594.
Also available assembled, please contact us for further information.

Size	Blue	Orange
6mm	3902806	
10mm	3902810	3902910



7. No Abrasion Anti-Static S&D Hose

A robust hose manufactured with abrasion resistant polyurethane lining for abrasive applications. A nine strand copper wire is embedded within the soft PVC wall of the hose, which can be used to prevent static build up.

Application: Suitable for the transfer of abrasive slurries, shotblast, gravel & other abrasive materials.
Temperature Range: -25°C to +60°C
Standard Length: 30 metres
Constructon: Lining: Red Polyurethane Lining
Reinforcement: Semi rigid crush resistant PVC helix
Cover: Grey PVC

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Bend Radius	Code
38	47	5.00	72.52	735	155	5378038
51	61	4.00	58.02	660	200	5378051
63	74	3.50	50.76	660	260	5378063
76	88	3.00	43.51	660	310	5378076
102	116	3.00	43.51	623	410	5378102
127	142	2.50	36.26	585	510	5378127
152	169	2.00	29.01	585	610	5378152

All pressure ratings quoted at ambient temperature.





1. Novaflex 6206 Lightweight Milk S&D Hose

Lightweight, flexible with a smooth white FDA approved natural rubber liner that will not propagate bacterial growth. The ideal lightweight hose suitable for milk collection, discharging tankers and transport, dairy unloading and in-plant processing.

Temperature Range: -40°C to +71°C. **Standard Length:** 30 metres.

Construction: Lining: White FDA Pure Gum. **Cover:** Blue SBR weather and abrasion resistant.

Reinforcement: 2 plies of fabric and wire helix.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Weight (kg/m)	Code
25	36.6	6.8	100	675	0.8	3954025
38	49.3	6.8	100	675	1.1	3954038
51	63.5	6.8	100	675	1.4	3954051
63	76.2	6.8	100	675	2.2	3954063
76	93.2	6.8	100	675	2.9	3954076
102	119.1	6.8	100	675	3.7	3954102

All pressure ratings quoted at ambient temperature.



2. Novaflex 6300 Nitrile Food S&D Hose

Novaflex 6309 nitrile food kink and crush resistant S&D hose. Suitable for food transfers that demand flexibility and ruggedness with a clean white FDA odourless and tasteless liner for those oily transfer applications. Liner is ultra smooth and microbe resistant.

Temperature Range: -40°C to +93°C. **Standard Length:** 30 metres.

Construction: Lining: White FDA Nitrile. **Cover:** Blue Nitrile.

Reinforcement: 2 ply fabric reinforced and dual monofilament helix.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Bend Radius (mm)	Weight (kg/m)	Code
19	31.8	10	150	675	101	0.6	3963219
25	38.1	10	150	675	127	0.7	3963225
38	50.8	10	150	675	152	1.0	3963238
51	63.5	10	150	675	177	1.4	3963251
63	74.7	10	150	675	200	1.73	3963263
76	89.4	10	150	675	228	2.25	3963276

All pressure ratings quoted at ambient temperature.



3. Novaflex 6303 Flexible Food S&D Hose

Extremely flexible with an abrasive resistant cover. Excellent for the transfer of oily products in full suction and discharge applications. The hose has an ultra smooth microbe resistant liner.

Temperature Range: -40°C to +99°C. **Standard Length:** 30 metres.

Construction: Lining: White FDA Nitrile. **Cover:** Blue Nitrile.

Reinforcement: Multiple plies of polyester synthetic textile with helix.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Bend Radius (mm)	Weight (kg/m)	Code
25	37.8	10	150	675	127	0.98	3930025
38	54.1	10	150	675	152	1.02	3930038
51	66.8	10	150	675	178	1.37	3930051
63	78.8	10	150	675	254	2.98	3930063
76	94.9	10	150	675	304	4.22	3930076
102	120.6	10	150	675	381	5.68	3930102

All pressure ratings quoted at ambient temperature.



4. Novaflex 6309 Crush Resistance Food S&D Hose

Novaflex 6309 nitrile food kink and crush resistant S&D hose. Suitable for food transfers that demand flexibility and ruggedness with a clean white FDA odourless and tasteless liner for those oily transfer applications. Liner is ultra smooth and microbe resistant.

Temperature Range: -40°C to +93°C. **Standard Length:** 30 metres.

Construction: Lining: White FDA Nitrile. **Cover:** Blue Nitrile.

Reinforcement: 2 ply fabric reinforced and dual monofilament helix.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Bend Radius (mm)	Weight (kg/m)	Code
25	42.2	10.3	150	675	127	1.16	3953025
38	53.8	10.3	150	675	152.4	1.56	3953038
50	69.1	10.3	150	675	177.8	2.31	3953051
63	82.8	10.3	150	675	203.2	2.83	3953063
76	96.8	10.3	150	675	228.6	3.42	3953076
102	122.2	10.3	150	508	355	4.24	3953102

All pressure ratings quoted at ambient temperature.



5. Novaflex 6310 Food S&D Hose

Novaflex 6309 nitrile food kink and crush resistant S&D hose. Suitable for food transfers that demand flexibility and ruggedness with a clean white FDA odourless and tasteless liner for those oily transfer applications. Liner is ultra smooth and microbe resistant.

Temperature Range: -40°C to +93°C. **Standard Length:** 30 metres.

Construction: Lining: White FDA Nitrile. **Cover:** Blue Nitrile.

Reinforcement: 2 ply fabric reinforced and dual monofilament helix.

I.D. (mm)	O.D. (mm)	Working Pressure (psi)	(bar)	Vacuum (mm Hg)	Bend Radius (mm)	Weight (kg/m)	Code
25	42.2	17	250	675	127	1.16	3963125
38	54.4	17	250	675	152.4	1.64	3963138
51	73.2	17	250	675	177.8	2.75	3963151
63	85.9	17	250	675	330.2	3.35	3963163
76	100.3	17	250	675	406.4	4.32	3963176
102	125.2	17	250	508	508	4.91	3963102

All pressure ratings quoted at ambient temperature.



6. Novaflex 6403 UHMW Food Hose

Novaflex 6403 Food S&D hose with a UHMW liner and EPDM cover. Suitable for applications that require smooth liner and easy to clean surface. Recommended for food transfer applications that demand flexibility and ruggedness with a clean white FDA ultra high molecular weight polyethylene grade liner that is odourless and tasteless.

Temperature Range: -40°C to +103°C. **Standard Length:** 30 metres

Construction: Lining: FDA UHMW. **Cover:** Blue EPDM.

Reinforcement: Multiple plies of polyester tire cord with a wire helix.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Burst Pressure (bar)	(psi)	Vacuum (mm Hg)	Bend Radius (mm)	Weight (kg/m)	Code
19	30.2	13	200	39	600	736	89	0.87	3941019
25	36.5	13	200	39	600	736	89	0.94	3941025
38	51.3	13	200	39	600	736	102	1.58	3941038
51	64	13	200	39	600	736	152	1.99	3941051
76	90.1	13	200	39	600	736	228	3.16	3941076
102	115.6	13	200	39	600	736	304	4.22	3941102

All pressure ratings quoted at ambient temperature.



7. Potable Water/Brewers, Carbon-Free Hose

A premium quality, mandrel-built, potable water/brewers hose whose liner is manufactured from FDA approved rubber compounds.

Suitable for conveying potable water, beer and general foodstuffs including dairy produce. Also used for cable cover protection or as a cable coolant hose on electrical furnaces in the iron and steel industry.

Temperature Range: -20°C to +70°C. **Standard Length:** 40 metre.

Construction: Lining: FDA Approved EPDM Rubber, red/ white.

Cover: Cloth Finish Orange EPDM Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Burst Pressure (bar)	(psi)	Weight (kg/m)	Code
13	25	10	145	30	435	0.525	3929013
19	31	10	145	30	435	0.685	3929019
25	37	10	145	30	435	0.805	3929025
32	46	10	145	30	435	1.245	3929032
38	52	10	145	30	435	1.575	3929038
51	67	10	145	30	435	2.100	3929051

All pressure ratings quoted at ambient temperature.



8. Novaflex 6502 HP Brewers Hose

Novaflex 6502 high pressure superior quality brewers delivery hose. The special white smooth chloro butyl bacteria resistant liner is designed for non-oily applications and will not impart odour or taste.

Temperature Range: -40°C to +116°C. **Standard Length:** 30 metres.

Construction: Lining: White Chlorobutyl (non oily applications). **Cover:** Red EPDM.

Reinforcement: Multiple plies of polyester synthetic textile.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Weight (kg/m)	Code
19	34	24.1	350	0.88	3965119
25	42.7	24.1	350	1.27	3965125
38	56.6	24.1	350	1.86	3965138
51	72.9	24.1	350	2.81	3965151
63	88.9	24.1	350	4.02	3965163
76	103.6	24.1	350	5.14	3965176
102	134.6	24.1	350	8.04	3965102

All pressure ratings quoted at ambient temperature.



9. Novaflex 6430 Food S&D Hose

An extremely flexible and lightweight food hose to meet the food processing industries most demanding applications. This hose has a ultra smooth microbe resistant white EPDM liner and will not impart taste or odour.

Temperature Range: -28°C to +149°C. **Standard Length:** 30 metres.

Construction: Lining: White EPDM. **Cover:** Red EPDM.

Reinforcement: Multiple plies of synthetic textile with wire helix.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Burst Pressure (bar)	(psi)	Vacuum (mm Hg)	Bend Radius (mm)	Weight (kg/m)	Code
25	38.6	10	150	40	600	675	57	0.97	3981025
38	52.3	10	150	40	600	675	76	1.42	3981038
51	65.0	10	150	40	600	675	114	1.82	3981051
63	77.7	10	150	40	600	675	191	2.34	3981063
76	93.2	10	150	40	600	675	229	3.46	3981076
102	118.6	10	150	40	600	675	305	4.5	3981102

All pressure ratings quoted at ambient temperature.



10. Novaflex 6404CU UHMW S&D Hose

Suitable for applications that require a smooth tube and easy to clean surfaces. Recommended for food transfer that demands flexibility and ruggedness with a clean white FDA ultra high molecular weight polyethylene grade liner. The liner is odourless and tasteless and suitable for alcohol concentrations above 96% and ideal for distilled spirits or liquor. Can be earthed through the helix.

Temperature range: -40°C to +116°C. **Standard Length:** 30 metres.

Construction: Lining: FDA UHMW odourless and tasteless (non oily applications).

Cover: Red EPDM. **Reinforcement:** Multiple plies of polyester synthetic textile with wire helix.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Bend Radius (mm)	Weight (kg/m)	Code
19	30.2	13	200	750	88.9	0.65	3964119
25	36.6	13	200	750	88.9	0.8	3964125
38	51.3	13	200	750	101.6	1.26	3964138
51	64	13	200	750	152.4	1.58	3964151
63	77.2	13	200	750	190.5	2.05	3964163
76	90.1	13	200	750	228.6	2.52	3964176
102	115.6	13	200	750	304.8	3.5	3964102

All pressure ratings quoted at ambient temperature.



11. Novaflex 6506 Food S&D Hose

Kink and crush resistant food and beverage suction and discharge hose. Designed to meet the temperatures and chemical resistance associated with "cleaning in place" systems. The ultra smooth microbe resistant liner is built for non oily applications stainless steel mandrels for cleanliness.

Temperature Range: -40°C to +116°C. **Standard length:** 30 metres.

Construction: Lining: White Chlorobutyl (non-oily applications). **Cover:** Red EPDM.

Reinforcement: Multiple plies of polyester tire cord and dual monofilament helix.

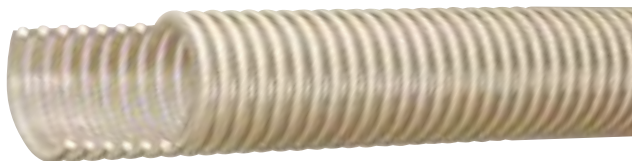
I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Bend Radius (mm)	Weight (kg/m)	Code
19	36	17	250	662	76	0.45	3991019
25	42	17	250	662	88	0.65	3991025
38	55	17	250	662	114	0.94	3991038
51	71	17	250	662	177	1.80	3991051
63	84	17	250	662	330	2.62	3991063
76	96	17	250	662	406	2.73	3991076

All pressure ratings quoted at ambient temperature.

We have a full range of hygienic fittings available



Food & Drink Hose



1. Food Grade Delivery Hose

A lightweight clear non toxic PVC hose, reinforced with a semi rigid resistant white PVC Helix. Tough, flexible and extremely durable, it has outstanding resistance to the effects of weather.

Allows optimum flow due to its smooth bore with flexibility being maintained even under cold conditions. The transparent wall allows easy identification of the contents and helps locate blockages.

Applications: Delivery of water, slurries and powders. **Temperature:** -15°C to +65°C
Standard Length: 25 metre.

Construction: Lining: Transparent PVC Smooth Wall. **Cover:** Transparent PVC Cover

I.D. (mm)	O.D. (mm)	Working Pressure (bar) (psi)		Bend Radius (mm)	Code
13	18	10	145	57	5341013
16	21	9.5	140	72	5341016
19	25	7	102	86	5341019
25	32	7	102	114	5341025
32	39	7	103	143	5341032
38	45	6	87	171	5341038
51	59	5	73	230	5341051
63	72	5	73	286	5341063
76	87	4	59	342	5341076
89	100	3	44	401	5341089
102	114	3	44	457	5341102

All pressure ratings quoted at ambient temperature.



2. WRAS Vending Hose

Made from Cadmium free materials, offering good flexibility and resistant to a wide range of chemicals.

- Good flexibility.
- Silicone free.
- Abrasive resistance - good.
- Kink resistance - good.
- Mirror smooth inner for improved flow.
- Braided with polyester fibre.
- Extruded with brilliant white finish.
- Will not support microbiological growth.
- Temperature Range: -40°C to +70°C.

WRAS Approved material

Standard Length: 30 metre.

Construction: Lining: WRAS Approved Polyester Elastomer.

Cover: Food Quality White PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar) (psi)		Code
6.3	12	10	145	4106006
10	16	10	145	4106010
13	19	10	145	4106013
19	25	10	145	4106019
25	33	10	145	4106025

All pressure ratings quoted at ambient temperature.



3. Clear Wire Reinforced PVC Suction & Delivery Hose

Clear, flexible, food-grade PVC hose with an embedded steel wire offers a versatile hose for suction and delivery applications. Clear construction allows blockages to be seen and located.

For conveying water, slurries, dilute chemicals, edible and non edible liquids and solids.

Temperature Range: -25°C to +60°C.

Standard Length: 30 metre.

Construction:

Lining: Clear Food Quality PVC.

Cover: Clear Food Quality PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar) (psi)		Code
13	19	12	174	5301013
16	22	10.5	152	5301016
19	26	9	130	5301019
25	33	8.5	123	5301025
32	40.5	8	116	5301032
38	47	8	116	5301038
51	61	6	87	5301051
63	74	5.5	80	5301063
76	90	4.5	65.3	5301076
102	118	3	43.5	5301102
152	170	2	29	5301152

All pressure ratings quoted at ambient temperature.



4. Braid Plus Phthalate Free PVC Reinforced Clear Hose

High performance, multipurpose reinforced, food quality hose.

Manufactured using DEHP free and Phthalate free PVC and approved for food contact, under European Regulation (EU) 10/2011 tested with fruit juices, wines, milk and alcohols. Ideal to convey many liquids and gases under pressure. Smooth bore ensures optimum flow and excellent transparency help to locate any blockages. It also offers good resistance to a wide range of chemicals and is non toxic and suitable for food use. Please note this hose is not suitable for use with solvents.

Temperature Range: -15°C to +60°C. **Standard Length:** 30 metre.

Construction: Lining: Food Quality Clear PVC. **Cover:** Food Quality Clear PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar) (psi)		Weight (kg/coil)	Code
6.3	11	22	330	2.2	41P1006
8	13	21	315	3.0	41P1008
10	16	20	300	4.3	41P1010
12.5	18	20	300	4.7	41P1013
16	23	20	300	7.7	41P1016
19	26	20	300	8.9	41P1019
25	33	16	240	13.1	41P1025
32	42	12	180	20.9	41P1032
38	48	12	180	27	41P1040
50	62	9	135	38.2	41P1050
100 Metre Coils.					
12.5	17.5	10	147	15.6	410C013
19	24	9	132	29.6	410C019
25	31	9	132	43.6	410C025

All pressure ratings quoted at ambient temperature.

Washdown - High Pressure



5. High Pressure Wash Assemblies

A range of high pressure wire reinforced hoses for use on wash down applications. Supplied as a fitted assembly with 3/8" BSP end fittings and rubber hand grips.

- Lightweight
- Blue & Grey assemblies

Other colours are available; please contact us for further information.

Temperature Range: -40°C - 160°C

Construction: Liner: Seamless synthetic rubber.

Reinforcement: High tensile steel wire braid.

Cover: Heat, ozone & abrasion resistant synthetic rubber

Colour	End Fittings	WP (bar)	BP (bar)	10m	15m	20m	25m	30m
Black	BSP Male	210	825	39W4010	39W4015	39W4020	39W4025	39W4030
Black	BSP Female	210	825	39W4011	39W4016	39W4021	39W4026	39W4031
Blue	BSP Male	210	825	39W1010	39W1015	39W1020	39W1025	39W1030
Blue	BSP Female	210	825	39W1011	39W1016	39W1021	39W1026	39W1031
Black	BSP Male	400	1300	39W0110	39W0115	39W0120	39W0125	39W0130
Black	BSP Female	400	1300	39W0111	39W0116	39W0121	39W0126	39W0131
Blue	BSP Male	400	1300	39W1110	39W1115	39W1120	39W1125	39W1130
Blue	BSP Female	400	1300	39W1111	39W1116	39W1121	39W1126	39W1131
Grey	BSP Male	400	1300	39W3110	39W3115	39W3120	39W3125	39W3130
Grey	BSP Female	400	1300	39W3111	39W3116	39W3121	39W3126	39W3131



6. High Pressure Quick Release Coupling

A high pressure QR coupling in mild steel, available in 2 pressure ratings; 250 and 400 bar.

Available as a male plug and female socket both terminating in 3/8" BSP Female.

Type	Pressure (bar)	Code
Plug	250	54QR000
Socket	250	54QR001
Plug	400	54QR002
Socket	400	54QR003



7. Washdown Swivel Trigger/Lance Assembly

Complete wash down trigger and lance set with nozzle. A ready to use wash down trigger assembly, suitable for use with Arco high pressure wash down hoses. Swivel inlet allows for maximum flexibility and user convenience.

- 250 Bar working pressure
- Swivel BSP female inlet
- 1/4" Meg nozzle

Trigger Assembly, 700mm Lance	54W0030
Trigger Assembly, 900mm Lance	54W0031

8. Washdown Lance QR Adapters

Adapters for use with high pressure trigger guns and lances. Allows lances to be easily swapped between applications.



Quick Release Spigot (lance)	54W0011
Quick Release Adapter (trigger)	54W0012

9. High Pressure Washdown Gun

A range of wash down guns designed for high pressure wash applications.

- Available with BSP male, female or swivel female inlets
- Rated up to 250 bar
- Compatible with quick release adapter

Inlet: 3/8" BSP

Outlet: 1/4" BSP Female



Inlet	Working Pressure (bar)	Flow (l/min)	Code
3/8" BSP Female Fixed	250	30	54W0001
3/8" BSP Female Swivel	250	30	54W0002
3/8" BSP Male Fixed	250	30	54W0003



10. Washdown Lance Assembly

Fixed steel lance assembly complete with 3 part protector for use with high pressure wash down guns.

- Plated steel construction
- 250 bar working pressure
- 40 L/min flow rate

Other lengths are available. Also available in stainless steel if required.

700mm Lance Assembly	54W0021
900mm Lance Assembly	54W0022

Washdown - Low/Medium Pressure



1. Thermoplastic Wash Hose Assembly 40 Bar

A high quality thermoplastic food wash down hose, manufactured from high performance materials making it suitable for use in high temperature & pressure applications.

- Non marking, greaseproof & disinfectant resistance, food grade PVC cover
 - Suitable for use up to 40 bar at 70 degrees C. Excellent kinking resistance
- Supplied as a fitted assembly with stainless steel BSP male ends, secured with stainless steel ferrules and finished with a rubber hand grip.

Construction: Liner: Grey flexible PVC

Reinforcement: Double polyester reinforcement, intermediary layers of flexible PVC

Cover: Blue non marking, greaseproof, detergent and disinfectant resistant food grade PVC

Colour	I.D. (mm)	O.D. (mm)	WP at 70°C Bar	BP at 70°C Bar	Bend Radius (mm)	10m	20m	25m	30m
Blue	12	22	40	120	84	41W1010	41W1020	41W1025	41W1030
Red	12	22	40	120	84	41W2010	41W2020	41W2025	41W2030



2. Hot Water Food and Steam Hose

Specifically designed for handling hot and cold water, steam, foodstuffs, beverages and dairy products in dairies, creameries, breweries and abattoirs. Blue, non-marking cover with white, rubber lining, manufactured using FDA approved rubber compounds.

Standard Length: 40 metre. **Suitable for use with water:** -20°C to +100°C

For steam the maximum temperature is 165°C

Construction: Lining: White FDA Approved EPDM Rubber.

Cover: Cloth Finish Blue EPDM Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code
13	24	6.9	100	3917413
16	28	6.9	100	3917416
19	31	6.9	100	3917419
25	38	6.9	100	3917425

All pressure ratings quoted at ambient temperature.



3. Thermoclean 100 Hot Water Hose

Industrial cleaning hose.

- Continuous use at 100°C.
- Five layer food quality with blue outer cover non-staining and high resistance polyester reinforcement. Intermediate layer special adhesion.
- White inner layer with high temperature resistance.
- Anti Microbial Cover.

Temperature Range: -15°C to +100°C.

Standard Length: 20 metre.

Construction: Lining: White Food Grade PVC. **Cover:** Blue Non-Marking Anti-Microbial PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code
13	22	15	225	4117013
16	25	15	225	4117016
19	28	15	225	4117019
25	34	15	225	4117025

All pressure ratings quoted at 100°C



4. Hot Wash Hose 10 Bar Blue

A long length EPDM rubber hose for hot water wash down and general wash down applications. Blue cover and ozone resistant.

Temperature Range: -25°C to +80°C.

Standard Length: 60 metres.

Construction: Lining: EPDM Rubber. **Cover:** Blue EPDM Rubber.

Reinforcement: Polyester Yarn.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Burst Pressure (bar)	(psi)	Code
13	19	10	145	30	435	3914R13



5. Thermoclean 100 Hot Water Hose Assembly

Five layer design based on high thermal resistance food-grade materials and high adherence system between the inner tube and the outer layers. Resists grease and conventional detergent and disinfectant solutions.

- Continuous use at 100°C.
- Four layer food quality with blue outer cover non-staining and high resistance polyester reinforcement
- Intermediate layer special adhesion. White inner layer with high temperature resistance

Temperature Range: -15°C to +100°C.

Construction: Lining: White Food Grade Polyester. **Cover:** Smooth Blue PVC Non Marking.

Supplied as a 20m assembly, fitted with stainless steel BSP male & female fittings complete with hand grips.

I.D. (mm)	O.D. (mm)	WP at 20°C Bar	WP at 100°C Bar	BP at 100°C Bar	Bend Radius (mm)	Code
13	22	30	15	45	80	41W1120



6. Tress-Nobel Agricultural Spraying Hose

Three layer hose in flexible PVC with polyester fibre reinforcement, ideal for agricultural spraying of herbicides & insecticides. Can also be used for compressed air supply.

Temperature Range: -15°C to +60°C. **Standard Length:** 25 metre.

Construction: Lining: Flexible Black PVC. **Cover:** Flexible Blue PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Burst Pressure (bar)	(psi)	Code
8	14.5	40	580	120	1740	4106408
12	20	40	580	120	1740	4106413
16	24	40	580	115	1725	4106415
19	28	40	580	115	1725	4106419
25	38	40	580	90	1350	4106425
Also available in 50mtr coils						
12	20	40	580	120	1740	4106513
19	28	40	580	120	1740	4106519
25	38	40	580	90	1350	4106525

All pressure ratings quoted at ambient temperature.

Washdown - Guns



7. RB65 Heavy Duty Water Gun

Suitable for washing down areas in food processing plants.

- ½" BSP swivel female inlet
- Adjustable spray
- 24 bar rated, 60 L/minute

Blue	54W0005
Red	54W0006



8. Medium Pressure Washdown Gun Stainless Steel

A medium pressure wash down gun with slow shut off system. Suitable for wash and foam applications.

- Stainless Steel wetted parts
- BSP Female swivel inlet

Working pressure: 60 bar rated

Flow rate: 60 L/min

Inlet: ½" BSP Female swivel

Outlet: ½" BSP Female

Blue Wash Down Gun	54W0004
SS Ball Type QR Adapt Blue ½" BSP Male	54W0013
SS Ball Type QR Plug ½" BSP Male	54W0014
SS Ball Type QR Plug ½" BSP Female	54W0015



9. Stainless Steel Heavy Duty Water Gun

All working parts manufactured from 316 stainless steel for optimum hygiene in food and pharmaceutical applications.

- Adjustable spray pattern.
- Lever operated.
- White non marking rubber shroud.
- Maximum pressure 25 bar (350 psi).
- Maximum temperature 95°C (intermittent use).
- Standard ½ inch BSP female threaded port.
- Automatic water shut off.

½ inch BSP - St/St. Gun	5476005
½ inch BSPT x ½ inch Hose Tail	5476006
½ inch BSPT x ¾ inch Hose Tail	5476007



10. Heavy Duty Water Guns

Suitable for washing down areas in industrial sites, food processing plants, garages or at home.

- Heavy duty insulated grip water nozzle with ½ inch

BSP female threaded connection.

Blue	5476013
Red	5476002
Yellow	5476003
Green	5476004

Accessories :

Brass Male Hose Adaptor 13 mm	5478113
Brass Male Hose Adaptor 19 mm	5476119
Brass Male Hose Adaptor 25 mm	5476125



11. Husky Spray/Jet Water Pistol

With ¾ inch BSP female threaded connection.

Water Pistol ¾ inch BSP	5476219
Brass Male Hose Adaptor 13 mm ID	5476313
Brass Male Hose Adaptor 19 mm ID	5476319



12. Nito Quick Release Fitting System

Nito couplings are the ideal choice for a safe quick release coupling, widely used in wash down applications. Available with a range of threaded or hosetail options. Rated up to 25 bar.

Coupling	Termination	Code
Socket	½" BSP Female	54W0113
Socket	¾" BSP Female	54W0119
Socket	½" Hosetail	54W0213
Socket	¾" Hosetail	54W0219
Plug	½" BSP Male	54W0319
Plug	¾" BSP Male	54W0319
Plug	½" BSP Female	54W0413
Plug	¾" BSP Female	54W0419
Plug	½" Hosetail	54W0513
Plug	Plug - Adapter	54W0500

Steam Hose & Fittings



1. Red Steam Hose EN6134

Red rubber steam hose suitable for a working pressure of 18 bar corresponding to a temperature of 210°C. Fully compliant with EN ISO 6134:2005 Type 2 Class A which supersedes BS 5342 for high pressure superheated steam applications. Mandrel built and multi-wire strand reinforcement. Features anti-static wires to enable conductivity when correctly assembled & pin pricked cover.

Application: Superheated steam applications for high pressure cleaning & sterilising, fire snuffing, pipe de-frosting. **Temperature Range:** -20°C to 230°C (dependant on pressure).

Standard Length: 40 metre.

Construction: Lining: EPDM Rubber. Cover: Cloth Finish Red CR Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	Burst Pressure (bar)	Weight (kg PM)	Code
13	25	18	180	0.53	3917113
19	33	18	180	0.76	3917119
25	40	18	180	0.100	3917125
32	48	18	180	0.130	3917132
38	54	18	180	0.165	3917138
50	69	18	180	0.220	3917150

All pressure ratings quoted at ambient temperature.



4. Black Steam Hose EN6134

Red rubber steam hose suitable for a working pressure of 18 bar corresponding to a temperature of 210°C. Fully compliant with EN ISO 6134:2005 Type 2 Class A which supersedes BS 5342 for high pressure superheated steam applications. Mandrel built and multi-wire strand reinforcement. Features anti-static wires to enable conductivity when correctly assembled & pin pricked cover.

Application: Superheated steam applications for high pressure cleaning & sterilising, fire snuffing, pipe de-frosting. **Temperature Range:** -20°C to 230°C (dependant on pressure).

Standard Length: 40 metre.

Construction: Lining: EPDM Rubber. Cover: Cloth Finish Red CR Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	Burst Pressure (bar)	Weight (kg PM)	Code
13	25	6	60	0.52	3917013
19	33	6	60	0.85	3917019
25	40	6	60	1.05	3917025

All pressure ratings quoted at ambient temperature.



6. Hot Water Food and Steam Hose

Specifically designed for handling hot and cold water, steam, foodstuffs, beverages and dairy products in dairies, creameries, breweries and abattoirs. Blue, non-marking cover with white, rubber lining, manufactured using FDA approved rubber compounds.

Standard Length: 40 metre. **Suitable for use with water:** -20°C to +100°C
For steam the maximum temperature is 165°C

Construction: Lining: White FDA Approved EPDM Rubber.

Cover: Cloth Finish Blue EPDM Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code
13	24	6.9	100	3917413
16	28	6.9	100	3917416
19	31	6.9	100	3917419
25	38	6.9	100	3917425

All pressure ratings quoted at ambient temperature.



2. Steam Hose Coupling (Male Half)

Boss-type, re-usable coupling with interlocking finger, type 2 or 4 bolt safety clamps (size dependant). This is the recommended method of securing steam hose fittings. Also suitable for high pressure air applications.

½ inch BSPT	13mm Hose ID	5446013
¾ inch BSPT	19mm Hose ID	5446019
1 inch BSPT	25mm Hose ID	5446025
1¼ inch BSPT	32mm Hose ID	5446032
1½ inch BSPT	38mm Hose ID	5446038
2 inch BSPT	51mm Hose ID	5446051



3. Steam Hose Coupling (Female Half)

Boss-type, re-usable BSP female coupling with interlocking collar for use with 2 or 4 bolt steam clamps (size dependant). This is the recommended method of securing steam hose fittings. Also suitable for high pressure air applications.

½ inch BSPT	13mm Hose ID	5445013
¾ inch BSPT	19mm Hose ID	5445019
1 inch BSPT	25mm Hose ID	5445025
1¼ inch BSPT	32mm Hose ID	5445032
1½ inch BSPT	38mm Hose ID	5445038
2 inch BSPT	51mm Hose ID	5445051



5. 2 Bolt Steam Hose Clamps

Boss-type, re-usable clamp with interlocking finger, type 2 bolt safety clamp. This is the recommended method of securing steam hose fittings. Also suitable for high pressure air applications.

½ inch ID	25 - 29 mm OD	5447029
¾ inch ID	31 - 33 mm OD	5447033
¾ inch ID	37 - 40 mm OD	5447040



7. 4 Bolt Steam Hose Clamps

Boss-type, re-usable clamp with interlocking finger, type 4 bolt safety clamp. This is the recommended method of securing steam hose fittings. Also suitable for high pressure air applications.

1 inch ID	39 - 42mm OD	5447042
1¼ inch ID	48 - 52 mm OD	5447052
1½ inch ID	51 - 56 mm OD	5447056
1½ inch ID	56 - 60 mm OD	5447060
2 inch ID	65 - 70 mm OD	5447070



8. Steam Lance

The protective outer casing can be handheld without harm when used with live steam. Handles positioned at back and centre of lance.

Length: 1.4 metre - Connection: 45° Elbow with ¾ inch Female NPT thread.

5447300



9. Standard Quality Fire Hose Assembly

A plain, layflat hose, uncoated for general purpose use. Supplied in 22.8 metre (75 feet) lengths and fitted with 2½ inch light alloy instantaneous couplings, wired in. Meets the full requirements of BS 6391:1983 types 1.

White	4515363
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11. Polyurethane Coated Fire Hose Assembly

A synthetic rubber lined, blue polyurethane coated fire fighting hose supplied in 22.8 metre (75 feet) lengths and fitted with 2½ inch gun metal instantaneous couplings, wired in. Meets the full requirements of BS 6391:1983 types 1 & 2. Specifically designed to reduce spark risk, used on UK oil refineries.

I.D. (mm)	Working Pressure		Burst Pressure		Code
	(bar)	(psi)	(bar)	(psi)	
64	16	232	48	696	4515863

All pressure ratings quoted at ambient temperature.



13. Manual Fixed Hose Reel

A manual hose reel to BS EN 671-1 for 19 mm or 25 mm bore hoses.

19mm Unfitted	4517219
25mm Unfitted	4517225
19mm Fitted	4517249
25mm Fitted	4517255



10. Polyurethane Coated Fire Hose Assembly

A synthetic rubber lined polyurethane coated fire fighting hose supplied in 22.8 metre (75 feet) lengths and fitted with 2½ inch light alloy instantaneous couplings, wired in. Meets the full requirements of BS 6391:1983 type 2.

I.D. (mm)	Working Pressure		Colour	Code
	(bar)	(psi)		
64	10	150	Red	4515663
64	10	150	Blue	4515563

All pressure ratings quoted at ambient temperature.



12. Super Quality Fire Hose Assembly

A premium grade high-pressure fire fighting hose with a blend of high tensile PVC/nitrile rubber forming a unified lining and cover. Supplied in 22.8 metre (75 feet) lengths and fitted with 2½ inch light alloy instantaneous couplings, wired in. This hose fully meets the requirements of the UK Home Office Specification JCDD 1/1 and is kitemarked to BS 6391:1983 type 3. It will meet the most demanding performance requirements of Fire Brigades, oil and chemical refineries, marine and offshore installations.

I.D. (mm)	Working Pressure		Code
	(bar)	(psi)	
64	16	232	4515763

All pressure ratings quoted at ambient temperature.



14. Manual Swinging Hose Reel

A manual hose reel to BS EN 671-1 for 19mm and 25mm bore hose.

19mm Unfitted	4517319
25mm Unfitted	4517325
19mm Fitted	4517349
25mm Fitted	4517355

15. Red Fire Reel Hose

Red, smooth cover fire reel hose which will not crack or fade and provides snag free movement and easy coiling. To EN 694 1994 Type A Class 2 Specification.

Temperature Range: -20°C to +60°C.

Standard Length: 30 metre.

Construction: Lining: Rubber PVC Alloy (TPE).

Cover: Smooth Red TPE.



I.D. (mm)	O.D. (mm)	Working Pressure		Code
		(bar)	(psi)	
19	27	12	180	39T3219
25	34	12	180	39T3225

All pressure ratings quoted at ambient temperature.

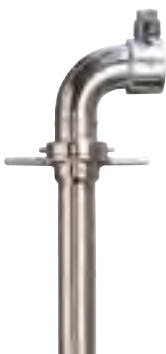
Fire Hose & Fittings



1. Aluminium Hydrant Key & Bar

Hydrant keys and bars are available in aluminium as standard.

4513000



2. Standpipe

Aluminium hydrant standpipe with swivel connection to shaft. Female hydrant round thread (HRT) base to BS 336 inlet and twist release 2½ inch female instantaneous outlet.

Available with and without a double check valve, the check valve prevents back siphonage and contamination of mains water supply.

Also available in Belfast thread & WRAS approved versions.

Standard Standpipe	4513100
Standpipe with Check Valve	4513300
Standpipe with WRAS Check Valve	4513601
Standard with Belfast Thread	4513502
Standpipe with Check Valve & Belfast Thread	4513504



3. Contractors Standpipe

¾ inch Contractors Standpipe complete with cast 2½ inch hydrant round thread (HRT) base, double check valve and single ¾ inch brass hose union bib tap outlet. With the option of a built in water meter as insisted on by many water authorities.

Also available in Belfast thread & WRAS approved versions.

Standard Tap	4513500
Tap with Meter	4513501
Tap with WRAS Check Valve	4513600
Tap with Belfast Thread	4513505



4. Plastic Jet Spray Nozzle

Red plastic jet spray nozzles to suit 19 mm and 25 mm fire reel hose. Conforming to EN 671.

19mm	4516919
25mm	4516925



5. Lever Operated Jet/Spray Nozzle

Light alloy lever control on/off jet/spray nozzle complete with 2½ inch male instantaneous inlet and 12 x 9 mm nozzle tip.

4515801



6. Instantaneous Coupling

A double ribbed light alloy 2½ inch tail with double pull release lugs. Unpolished.

2½ inch Male Half	4512863
2½ inch Female Half	4512963



7. Instantaneous Female Adaptor

A 2½ inch instantaneous female to 2 inch BSP male or 2½ inch BSP female adaptor as standard to BS 336. Polished.

2 inch BSP Male	4512451
2½ inch BSP Female	4512463



8. Instantaneous Male Adaptor

A 2½ inch (BS 336) instantaneous male to 2 inch BSP female or 2½ inch BSP male adaptor. Polished.

2 inch BSP Female	4512551
2½ inch BSP Male	4512563



9. Combined Branchpipe & Nozzle

A 2½ inch instantaneous male inlet with a standard 5/8 inch nozzle outlet jet diameter. Polished.

4512200



10. Diffuser Branchpipe

The diffuser enables the jet of water to be controlled from shut-off to small jet, through to large jet and then to spray by turning the rubber tyred sleeve. 2½ inch male instantaneous body. Polished.

4512300

Oil & Chemical Hose



11. Anti-static Multi Purpose Hose

Black nitrile rubber cover, manufactured from anti-static rubber compound with a surface resistance <10 6 Ω. Excellent resistance to oils, grease and hydrocarbons not exceeding 40% aromatic content. Suitable for delivery applications of ASTM mineral & hydraulic oils, diesel, kerosene as well as air, water and nitrogen.

Temperature Range: -25°C to 70°C. **Standard Length:** 6mm to 13mm - 100 metre. 19mm and above - 60 metre. **Burst Ratio:** 3:1

Construction: **Lining:** Nitrile Rubber (NBR) Anti-Static. **Cover:** Smooth Black CR/NBR Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Code
6	13	10	150	3919006
8	15	10	150	3919008
10	17	10	150	3919010
13	20	10	150	3919013
19	29	10	150	3919019
25	35	10	150	3919025

All pressure ratings quoted at ambient temperature.



12. Mandrel Built Oil Suction and Delivery Hose

A robust, highly flexible smooth bore constant pressure rubber oil suction and delivery hose with excellent resistance to external abrasion.

Application: Suction and delivery of petroleum products with aromatic content up to 50%.

Temperature Range: -35°C to +70°C. **Standard Length:** 40 metre.

Construction: **Lining:** Black Nitrile (NBR) Rubber. **Cover:** Cloth Finish Black CR Rubber.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Weight (kg PM)	Code
25	35	10	150	600	0.655	3923025
32	42	10	150	600	0.850	3923032
38	48	10	150	600	1.050	3923038
51	61	10	150	600	1.750	3923051
76	88	10	150	600	2.600	3923076
102	116	10	150	600	3.900	3923102

All pressure ratings quoted at ambient temperature.



13. Springflex PVC Oil Suction & Delivery

Highly flexible PVC and nitrile blend oil suction and delivery hose. Tough, flexible and durable with flow maintained by the smooth bore.

Applications: Suction and delivery of diesel, petrol and mineral based oils. Also suitable for water, slurries.

Temperature Range: -10°C to +55°C. **Standard Length:** 30 metre

Construction: **Lining:** Thermoplastic PVC nitrile compound. **Cover:** Oil resistant PVC nitrile

I.D. (mm)	O.D. (mm)	Working Pressure (psi)	Vacuum (mm Hg)	Code
19	26	130	662	5322019
25	33	123	662	5322025
32	40	116	662	5322032
38	47	116	662	5322038
51	62	102	662	5322051



14. Springflex Braided Oil Resistant Hose

Highly flexible PVC and nitrile blend oil hose offering optimum flow through a smooth bore, tough flexible and extremely durable. The hose is resistant to full vacuum and is abrasion resistant.

Application: Suitable for suction and delivery of fuel oils up to a 40% aromatic content including oil, diesel, kerosene, white spirit and hydraulic oils.

Temperature Range: -25°C to +65°C. **Standard Lengths:** 30 metre

Construction: **Lining:** Oil resistant PVC nitrile smooth wall. **Cover:** Black flexible oil resistant PVC nitrile cover

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Code
19	26	20	300	662	5324019
25	36.9	18	265	662	5324025
32	43	16	235	662	5324032
38	50	14	206	662	5324038
51	65	12	176	662	5324051

All pressure ratings quoted at ambient temperature.



15. PVC Fuel/Oil Suction & Delivery Hose

A blue, very flexible, elastic grade PVC suction and delivery hose that has excellent resistance to fuel oils with a low aromatic content, including black fuel oils, kerosene, paraffin, diesel fuel, white spirit and mineral-based hydraulic and lubrication oils.

Temperature Range: -15°C to +65°C. **Standard Length:** 30 metre.

Construction: **Lining:** Blue Oil Resistant Nitrile PVC. **Cover:** Blue Oil Resistant Nitrile PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Code
25	32	8	116	661	5360025
38	45	6.5	94	661	5360038
51	60	6	90	661	5360051

All pressure ratings quoted at ambient temperature.

16. Diesel Delivery Hose Assembly and Lockable Gate Valve

Gravity feed hose assembly for conveying diesel or fuel oils from storage tanks. Standard Lengths: 3m, 4m, 6m. **Temperature Range:** -15°C to +60°C. N.B. Hose complete with trigger nozzle and lockable gate valve for security. Other assembly options are available with regard to length and fitting type.



4m	3923606
6m	3923607



17. Aluminium Trigger Nozzle

With 1 inch BSP Female connection. Ideal for diesel fuel at gravity or under low pressure (4 bar).

5477100

Oil & Chemical Hose



1. Novaflex 4700BU Chemical Suction & Discharge Hose

A suction and discharge hose, designed for almost every common industrial chemical used today.

Construction: Lining: Black UHMWPE. **Reinforcement:** Multiple plies of high tensile textiles, and twin steel helices. **Cover:** Black EPDM. **Applications:** Chemical industries. **Properties:** Resistant to chemicals (please check chemical compatibility). Ozone and abrasion resistant. Lightweight and flexible. Tube conductivity $\leq 10 \Omega$ resistance, according to EN ISO 8031. Manufactured to EN12115.

Temperature range: -40°C to +120°C. **Standard length:** 30 metre

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Bend Radius (mm)	Vacuum (mmHg)	Code
19	30	17	250	89	736	3926019
25	37	17	250	101	736	3926025
32	46	17	250	114	736	3926032
38	53	17	250	127	736	3926038
51	66	17	250	203	736	3926051
63	77	17	250	254	736	3926063
76	92	17	250	406	736	3926076
102	117	17	250	609	736	3926102

All pressure ratings quoted at ambient temperature.



2. Novaflex 4700CU Chemical Suction & Discharge Hose

A lightweight flexible chemical transfer hose designed for almost every common industrial chemical used in industry today. Non staining UHMW Liner.

Temperature Range: -40°C to +121°C. **Standard Length:** 30 metres.

Construction: Lining: Clear ultra high molecular weight polyethylene.

Cover: Green abrasion resistant EPDM Rubber.

Reinforcement: Multiple plies of high tensile textile with dual wire helix.

I.D. (in)	O.D. (mm)	Working Pressure (psi)	Vacuum (mmHg)	Max. Bend Radius (mm)	Weight (kg/m)	Code
19	30	250	736	89	0.86	3947019
25	37	250	736	101	0.93	3947025
32	46	250	736	114	1.19	3947032
38	53	250	736	127	1.57	3947038
51	66	250	736	203	1.93	3947051
63	77	200	736	254	2.52	3947063
76	92	200	736	279	3.15	3947076

All pressure ratings quoted at ambient temperature.

3. DIN Smooth Tail

For use with 5490041 DIN 14 420-5 smooth hose tails.

- High quality, robust clamps of forged aluminium.
- Easy, very safe and reusable system. Please ensure correct hose dimensions before ordering.



Clamps	BSP Male	BSP Female
Clamp 19 x 6mm	5490054 3/4" BSP Male x 19mm Tail	5490047 3/4" BSP Female x 19mm Tail 5490041
Clamp 25 x 6mm	5490055 1" BSP Male x 25mm Tail	5490048 1" BSP Female x 25mm Tail 5490042
Clamp 32 x 6mm	5490056 1 1/4" BSP Male x 32mm Tail	5490049 1 1/4" BSP Female x 32mm Tail 5490043
Clamp 38 x 6.5mm	5490057 1 1/2" BSP Male x 38mm Tail	5490050 1 1/2" BSP Female x 38mm Tail 5490044
Clamp 50 x 8mm	5490059 2" BSP Male x 51mm Tail	5490051 2" BSP Female x 51mm Tail 5490045
Clamp 63 x 8mm	5490060 2 1/2" BSP Male x 63mm Tail	5490052 2 1/2" BSP Female x 63mm Tail 5490046
Clamp 75 x 8mm	5490061 3" BSP Male x 76mm Tail	5490053 3" BSP Female x 76mm Tail 5490065



4. Tress-Nobel Agricultural Spraying Hose

Three layer hose in flexible PVC with polyester fibre reinforcement, ideal for agricultural spraying of herbicides & insecticides. Can also be used for compressed air supply.

Temperature Range: -15°C to +60°C.

Standard Length: 25 metre.

Construction: Lining: Flexible Black PVC.

Cover: Flexible Blue PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Burst Pressure (bar)	(psi)	Code
8	14.5	40	580	120	1740	4106408
12	20	40	580	120	1740	4106413
16	24	40	580	115	1725	4106415
19	28	40	580	115	1725	4106419
25	35	40	580	90	1350	4106425
Also available in 50mtr coils						
12	20	40	580	120	1740	4106513
19	28	40	580	120	1740	4106519
25	35	40	580	90	1350	4106525

All pressure ratings quoted at ambient temperature.

Metallic & PTFE Braided Hose Assemblies

We offer a wide range of metallic and PTFE over braided hoses to suit the most demanding applications. These types of hose are specified due to their increased performance characteristics.

Each hose is supplied as a complete assembly with fittings, all assemblies are tested and certified prior to dispatch.

Annular Stainless Steel Corrugated Flexible Metallic Hose

Assemblies are available unbraided, single braided or double braided to suit your application.

Available from 6mm ID through to 250mm ID.

Key benefits:

High Physical Strength
Resistant to penetration and damage
Corrosion resistant
Suitable for -200°C up to +600°C. Fire resistant

PTFE Lined hoses

designed for the most aggressive applications where annular stainless isn't an option. Available with a convoluted or smooth liner to best suit your application, antistatic PTFE is also available for applications where a build of an electrostatic charge is a risk. We can supply with a stainless steel or polymer over braid.

Stainless Steel Griplink & Interlock

Suitable for absorbing vibration, thermal expansion, noise attenuation and the ducting of air, smoke and fumes. Griplink is also popular for dry bulk handling of ash, dust, grain and plastics. The stainless steel material also makes these products suitable for use in the food and pharmaceutical industries. Interlock can be supplied with copper wire packing for high temperature exhaust applications. Both are available from 6mm (1/4") up to 508mm (20") in diameter.

Unbraided Hose SPM 0

Single Braided SPM 1

Double Braided SPM 2



Novaflex Composite Hoses

Novaflex composite hoses are manufactured in the UK and can be tailored to meet your specific application requirements. Material and wire composition can be altered to be suit your needs, inner and outer wires can consist of: Stainless steel, Polypropylene coated galvanised steel, Galvanised steel & Aluminium.

Hoses can also be custom branded with company or application information for easy identification on site, outer covers can also be altered to meet site colour coding if required.

Specific applications can be covered with Novaflex special service composite hoses, these include: ethanol, methanol, benzene, vapour recovery, bio-diesel, LPG & High temperature (148°C).

All hoses can be manufactured with a hi-visibility stripe for increased awareness in working areas where light levels are lower.

Please contact us for more information or to discuss your requirements.



5. Novaflex Uni-Oil GG

Novaflex Uni-Oil GG standard petroleum service hose is designed for the transfer of a wide range of petroleum products. Uni-Oil GG is ideal for the transfer of media from storage tanks and process piping to rail cars and road trucks. The lightweight and flexibility assists operators when handling both uncharged and charged hoses.

Construction:

Multiple plies of polypropylene films and fabrics are encased in a polyester barrier for superior operation. Black outer cover.

Inner Wire: Galvanised High Tensile Carbon Steel

Outer Wire: Galvanised High Tensile Carbon Steel

Working Pressure: 14 Bar / 200 psi

Temperature: -40°C to +100°C

Size Range: 25mm up to 203mm ID

Coil Length: 40 metre maximum length



6. Novaflex Uni-Chem PG

Novaflex Uni-Chem PG is specifically designed for in-plant liquid transfer operations and is ideal for the transfer of media from storage tanks and process piping to rail cars and road trucks. The lightweight and flexibility assists operators when handling both uncharged and charged hoses.

Construction:

Multiple plies of polypropylene films and fabrics are encased in a polyester barrier for superior operation. Grey outer cover.

Inner Wire: Polypropylene Coated High Tensile Carbon Steel

Outer Wire: Galvanised High Tensile Carbon Steel

Working Pressure: 14 Bar / 200 psi

Temperature: -40°C to +100°C

Size Range: 25mm up to 203mm ID

Coil Length: 40 metre maximum length



7. Novaflex Uni-Oil GGL

Novaflex Uni-Oil GGL is a lighter weight version of the popular Uni-Oil GG transfer hose. Manufactured to meet the demanding environment of tanker loading and unloading applications, this lightweight hose is more flexible and easier to handle than it's heavier equivalent. This enables operators to move the hose around with ease and is a safer option when handling is more frequent.

Construction:

Multiple plies of polypropylene films and fabrics are encased in a polyester barrier for superior operation. Green outer cover.

Inner Wire: Galvanised High Tensile Carbon Steel

Outer Wire: Galvanised High Tensile Carbon Steel

Working Pressure: 10 Bar / 150 psi

Temperature: -40°C to +100°C

Size Range: 25mm up to 102mm ID

Coil Length: 40 metre maximum length



6. Novaflex Uni-Flon™

Novaflex Uni-Flon™ hoses are designed for the most aggressive media transfer applications. Superior chemical resistance is achieved with a Teflon PTFE liner, reinforced with plies of polyester fabric. Available with a galvanised carbon steel outer wire (SG) or stainless steel outer wire (SS) for when the hose is likely to be laid in product.

Construction:

Teflon PTFE liner with layers of polypropylene films and fabrics are encased in a polyester barrier for superior operation. Red (SG) or Blue (SS) outer cover.

Inner Wire: 316 Stainless Steel

Outer Wire: Galvanised High Tensile Carbon Steel (SG) or 316 Stainless Steel (SS)

Working Pressure: 14 Bar / 200 psi

Temperature: -40°C to +120°C

Size Range: 25mm up to 203mm ID

Coil Length: 40 metre maximum length

Adblue Hose



1. Adblue Hose EPDM Black 19mm x 27mm

An EPDM delivery hose for use on Adblue (or DEF) delivery systems. Manufactured from EPDM rubber which is resistant to Adblue but also the elements so prolonged use outside isn't a problem.

Tested and approved to EN1360

Temperature Range: -30°C to +100°C. **Standard Length:** 50 metre

Construction: Lining: Black EPDM Rubber. Cover: Black EPDM Rubber

Reinforcement: Textile synthetic

I.D. (mm)	O.D. (mm)	Working Pressure		Code
		(bar)	(psi)	
19	27	10	150	3923619

Sold by the metre or coil. We can supply as an assembly if required, we can also fit to a hose reel. Please contact us for more information.



2. ME Series Retractable Hose Reels

ME Range of spring driven hose reels represents outstanding value for money. This is an extremely durable range of high quality reels with individual features and modern design for maximum strength and working life.

Length (m)	Hose I.D. (mm)	Pressure (bar)	Inlet BSP	Media	Weight (kg)	With Hose	Model	Code
Painted Steel								
15	19	10	3/4" Female	Adblue	38	Yes	F550	54R3053
Stainless Steel								
15	19	10	3/4" Female	Adblue	38	Yes	FX550	54R3054



Composite hoses made to your specifications.

We stock a range of composite hose & fittings in Gun Metal, Stainless Steel, Camlocks, Flanges and many more.

Hose testing and management is also available.



Novaflex HDC Dry Disconnect Couplings

State of the art couplings designed to safely transfer the most aggressive and valuable product with minimum operator intervention.

Developed jointly by the two industry leaders in fluid handling systems, engineering teams have pushed the performance boundaries of Dry-Release™ couplings.

The new NovaFlex Hi-Flow Dry-Release™ Coupling range exceeds the performance of every compatible coupling available today. Drawing on decades of real world application experience, the NovaFlex 'HDC' coupling optimizes every area of function and design to deliver a truly innovative and reliable safety coupling.

Key benefits of the HDC:

Superior ergonomic handle design for ease of use with safety gloves

Advanced integral swivel design for ease of handling/reduced hose torque wear

Optional operator engaged locking device

Advanced sealing technology, extended seal life. Reduces number of seals required by half, only 'O' rings.

Optimized valve arrangement offers up to 30% flow rate improvement.

Enhanced connection system greatly improves ease of operation in challenging environments.

Optional locking feature: NovaFlex 'HDC' optional Interlock provides secondary operator indicator of complete valve engagement and prevents unintentional disconnection.

Optional selectivity feature: Prevents cross contamination in multi-product manifold/sampling/dosing applications.

Coupling Material: Aluminium & Stainless Steel.
Other materials to order
Coupling Seal: Viton. Other options available
Standards: NATO STANAG 3756 (PHE)

Applications: Road & rail tanker loading, Offshore rig supply, Pharmaceutical processing, Vapour recovery, Ship to shore transfer, Paints & inks, Bitumen transfer, Brewery, Rail refuelling, DEF (diesel exhaust fluid)

All products are compatible with dry-break couplings, dry-release couplings, TODO, Mann-tek, Klaw, Emco Wheaton and Shand.

Coupling Size	Aluminium		Stainless Steel		Hose Unit	
	Hose Unit	Tank Unit	Hose Unit	Tank Unit	Service Kit	Service Tool
2"	54H2051	54H1051	54H4051	54H3051	54H6051	54H5051
3"	54H2076	54H1076	54H4076	54H3076	54H6076	54H5076
4"	54H2102	54H1102	54H4102	54H3102	54H6102	54H5102

Supplied as standard with BSP thread. Also available with NPT to order. Tank Units also available with ASA150 flanged connection.

Expert Industry Knowledge

Arco Hose have a long and proud association with the worldwide offshore oil & gas industry which includes the supply of DNV Approved heavy duty rig supply hoses for the following applications:

- Base Oil & Fuel
- Cement / Barytes
- Liquid Mud
- Drill Water
- Potable Water

Our significant stocks mean we can react to the rigorous and changing demands of the industry.

Hoses are internally swaged to ensure optimum flow with no internal restrictions and use UKOOA/OGUK colour coded ferrules. Fittings available include:

- Fig 50, 100, 200 and 206 hammer lug unions
- All other hammer unions available upon request
- API male nipples
- Hookey Hook' hose lifters
- Flotation collars
- Breakaway couplings
- Novaflex HDC - Dry Disconnect Couplings

All our bulk transfer hose assemblies are approved by DNV GL. Full proof pressure test and certification is supplied with each assembly.



1. Cement/Barite Suction & Delivery Hose HW2540

Available in: 102mm (4") & 127mm (5") ID
Working Pressure: 10 bar

Safety Factor: 4:1

Lining: Black, abrasion resistant natural rubber

Reinforcement: Synthetic textile fabric, twin steel wire reinforcement

Cover: Black EPDM rubber

Twin copper wires for electrical continuity

Temperature Range: -40°C to +70°C

Branding: Embossed branding.

Green spiral tape

Stocked Lengths: 61m



2. Cement/Barite High Pressure Delivery Hose SW2086

Available in: 76mm (3"), 102mm (4") & 127mm (5") ID

Working Pressure: 41 bar

Safety Factor: 4:1

Lining: Black, abrasion resistant natural rubber

Reinforcement: Synthetic textile fabric

Cover: Black EPDM rubber

Twin copper wires for electrical continuity

Temperature Range: -40°C to +70°C

Branding: Embossed branding.

Green stripe tape

Stocked Lengths: 61m



3. Potable Water Delivery Hose SW2031

Available in: 76mm (3"), 102mm (4") & 127mm (5")

Working Pressure: 10 bar

Safety Factor: 4:1

Lining: Red Natural rubber

Reinforcement: Synthetic textile fabric

Cover: Orange Synthetic rubber

Temperature Range: -40°C to +80°C

Branding: Embossed branding. White tape

Stocked Lengths: 61m, 18.3m (102mm)



4. Fuel/Oil Suction and Delivery Hose HW3277

Available in: 76mm (3") & 102mm (4") ID

Working Pressure: 20 bar

Safety Factor: 4:1

Lining: Black Buna Nitrile rubber

Reinforcement: Synthetic textile fabric,

twin steel wire reinforcement

Cover: Black Buna Nitrile rubber

Temperature Range: -35°C to +93°C

Branding: Embossed branding. Orange

spiral tape

Stocked Lengths: 30.5m



5. Cement/Barite Delivery Hose SW2086

Available in: 102mm (4") & 127mm (5") ID

Working Pressure: 10 bar

Safety Factor: 4:1

Lining: Black, abrasion resistant natural rubber

Reinforcement: Synthetic textile fabric

Cover: Black EPDM rubber

Twin copper wires for electrical continuity

Temperature Range: -40°C to +70°C

Branding: Embossed branding. Green

spiral tape

Stocked Lengths: 61m, 18.3m



6. Potable Water Suction & Delivery Hose HW2502

Available in: 76mm (3") & 102mm (4")

Working Pressure: 17 bar

Safety Factor: 4:1

Lining: Red Natural rubber

Reinforcement: Synthetic textile fabric,

twin steel wire reinforcement

Cover: Orange Synthetic rubber

Temperature Range: -40°C to +80°C

Branding: Embossed branding. White

tape

Stocked Lengths: 61m, 18.3m (102mm)



7. Potable Water High Pressure Delivery Hose SW2031

Available in: 76mm (3"), 102mm (4") & 127mm (5")

Working Pressure: 41 bar

Safety Factor: 4:1

Lining: Red Natural rubber

Reinforcement: Synthetic textile fabric

Cover: Orange EPDM rubber

Temperature Range: -40°C to +80°C

Branding: Embossed branding. White

tape

Stocked Lengths: 61m, 18.3m (102mm)



8. Fuel/Oil Delivery Hose SW2014

Available in: 76mm (3") & 102mm (4") ID

Working Pressure: 10 bar

Safety Factor: 4:1

Lining: Black Nitrile Butadiene rubber

Reinforcement: Synthetic textile fabric,

twin steel wire reinforcement

Cover: Black Chloroprene rubber

Temperature Range: -35°C to +80°C

Branding: Embossed branding. Green

spiral tape

Stocked Lengths: 61m & 18.3m

(102mm)



9. Liquid Mud High Pressure Delivery Hose SW2301

Available in: 76mm (3") & 102mm (4") ID

Working Pressure: 41 bar

Safety Factor: 4:1

Lining: Black Chloroprene rubber

Reinforcement: Synthetic textile fabric

Cover: Black Chloroprene rubber

Temperature Range: -35°C to +80°C

Branding: Embossed branding. Yellow

spiral tape

Stocked Lengths: 61m



10. Potable Water High Pressure Suction & Delivery Hose HW2502

Available in: 76mm (3") & 102mm (4")

Working Pressure: 41 bar

Safety Factor: 4:1

Lining: Red Natural rubber

Reinforcement: Synthetic textile fabric,

twin steel wire reinforcement

Cover: Orange Synthetic rubber

Temperature Range: -40°C to +80°C

Branding: Embossed branding. White

tape

Stocked Lengths: 61m, 18.3m (102mm)



11. Fuel/Oil Suction and Delivery Hose HW2607

Available in: 76mm (3") & 102mm (4") ID

Working Pressure: 17 bar

Safety Factor: 4:1

Lining: Black Nitrile Butadiene rubber

Reinforcement: Synthetic textile fabric,

twin steel wire reinforcement

Cover: Black Chloroprene rubber

Temperature Range: -35°C to +80°C

Branding: Embossed branding. Brown

spiral tape

Stocked Lengths: 61m, 18.3m



12. Liquid Mud High Pressure Suction & Delivery Hose HW2341

Available in: 76mm (3"), 102mm (4") & 127mm (5") ID

Working Pressure: 41 bar

Safety Factor: 4:1

Lining: Black, nitrile butadiene rubber

Reinforcement: Synthetic textile fabric,

twin steel wire reinforcement

Cover: Black Chloroprene rubber

Temperature Range: -35°C to +80°C

Branding: Embossed branding. Yellow

spiral tape

Stocked Lengths: 61m, 18.3m (76mm & 102mm)



13. Hose Lifter & Clamp Set

Designed specifically for use with bulk handling hose. Constructed from forged steel and fully proof tested before dispatch. Used almost exclusively through the North Sea sector. Simple and safe to use, available as single eye or double eye.
Stocked to suit 76mm, 102mm & 127mm bulk material hoses.
Also available in aluminium bronze.

Hose I.D.	Single Eye	Double Eye	Loose Clamp
76mm (3")	54LS076	54LD076	54LC076
102mm (4")	54LS102	54LD102	54LC102
127mm (5")	54LS127	54LD127	54LC127



14. Floatation Collars

Manufactured to suit our bulk transfer hoses, we keep a range of hose floatation collars. Available as a lace-up design or hard collar.

Hose I.D.	Lace-up	Hard Collar
76mm (3")	5406076	5407076
102mm (4")	5406102	5407102
127mm (5")	5406127	5407127



15. Hammer Lug Unions

A general purpose threaded union suitable for air, water, oil or gas service. Three lug nuts and self-locking ACME threads provide quick make-up and break-out. Designed for suction and low pressure (500 – 2,000psi) applications, manufactured from quality steel meeting ASTM and/or AISI standard. Fully interchangeable with most major brands of Hammer Unions.
We stock Fig 50 (500psi), Fig 100 (1,000psi) & Fig 206 (2,000psi) across 3", 4" & 5" to suit our bulk transfer hose range.
Also available are blinds, wing nuts, rubber caps & rubber plugs.



16. Air Hose Steel Braided 40 Bar

A robust air hose for use in arduous conditions in offshore, mines & heavy industry applications. Designed to operate across a wide temperature range. The cover is weather, ozone & abrasion resistant. We recommend supplying as an assembled and tested assembly, please contact us for details.

Available in: 51mm (2"), 76mm (3") & 102mm (4") ID
Working Pressure: 40 bar
Safety Factor: 4:1
Lining: Black oil mist resistant rubber
Reinforcement: High Tensile Steel Wire Braid
Cover: Yellow synthetic rubber
Temperature Range: -30°C to +100°C
Branding: Embossed branding
Stocked Lengths: 40m

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	Working Pressure (psi)	Burst Pressure (bar)	Burst Pressure (psi)	Bend Radius (mm)	Code
51	66	40	580.2	160	640	408	3925051
76	94	40	580.2	160	640	608	3925076
102	122	40	580.2	160	640	816	3925102



17. Long Length Rubber Air / Water Hose

All rubber construction complies with EN2398 specification.

- Improved flexibility, particularly in external applications where low temperatures can cause flexing problems with PVC or hybrid hoses.
- Available with an antistatic liner for critical applications
- Better coupling retention due to rubber lining for safer use in application.
- Excellent resistance to external abrasion when being dragged.
- Good value for money.
- Burst Ratio 3:1

Construction: Standard Yellow or Black:

Lining: Oil Mist Resistant SBR Rubber.

Cover: Smooth SBR Rubber.

Temperature Range: -35°C to +80°C.

Standard Length: 6mm to 16mm - 100 metre. 19mm to 25mm - 60 metre.

Construction: Black Antistatic

Lining: Electrically Conductive SBR Rubber.

Cover: Smooth Black SBR Rubber.

Temperature Range: -35°C to +80°C.

Standard Length: 6mm to 16mm - 100 metre. 19mm to 25mm - 60 metre.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	Working Pressure (psi)	Anti-Static Black	Black Cover	Yellow Cover
6	14	20	300	3900206	3901606	3901406
8	16	20	300	3900208	3901608	3901408
10	18	20	300	3900210	3901610	3901410
13	22	20	300	3900213	3901613	3901413
16	26	20	300	3900216		
19	30	20	300	3900219	3901619	3901419
25	36	20	300	3900225	3901625	3901425

All pressure ratings quoted at ambient temperature

Fittings

We stock a wide range of fittings

From a simple Jubilee clip to a dry disconnect coupling for the petrochem industry, we stock a wide range of fittings and adapters most of which are available for next day delivery. We can supply them loose or assembled in a hose to your requirement.

We also have access to a much wider range of hose fittings, couplings and adapters. Please contact us on **01482 383288** to discuss your requirements.



1. European Quick Release Air Couplings

Malleable iron single lock quick release coupling with hose tail, c/w EPDM seal. 5 bar working pressure.

Coupling	1/2" (13mm)	3/4" (19mm)	1" (25mm)
EU Claw QR x Hosetail	5471513	5471519	5471525
EU Claw QR x BSP Female	5471313	5471319	5471325
EU Claw QR x BSP Male	5471113	5471119	5471125
EU Claw QR Coupling Seal	5471700		
EU Claw QR Coupling Blank End	5471300		



2. US Quick Release Air Couplings

Robust US pattern malleable iron couplings, zinc plated and yellow chromate finish.

Coupling	1/2" (13mm)	3/4" (19mm)	1" (25mm)
US Claw QR x Hosetail	5490026	5490027	5490028
US Claw QR x NPT Female	5490036	5490037	5490038
US Claw QR x NPT Male	5490031	5490032	5490033
US Claw QR Coupling Seal	5490039		
US Claw QR Coupling Blank End	5490025		



3. Nito Quick Release Fitting System

Nito couplings are the ideal choice for a safe quick release coupling, widely used in wash down applications. Available with a range of threaded or hosetail options. Rated up to 25 bar.

Code	Coupling	Termination
54W0113	Socket	1/2" BSP Female
54W0119	Socket	3/4" BSP Female
54W0213	Socket	1/2" Hosetail
54W0219	Socket	3/4" Hosetail
54W0313	Plug	1/2" BSP Male
54W0319	Plug	3/4" BSP Male
54W0413	Plug	1/2" BSP Female
54W0419	Plug	3/4" BSP Female
54W0513	Plug	1/2" Hosetail
54W0500	Plug	Plug - Adapter



5. Series 17 Quick Connect Airline Fittings

Interchanges with Schrader NW 5 and Rectus 17.

Maximum Working Pressure: 230 psi / 15 bar.

Temperature Range: -20°C to +100°C.

Body Material: Steel. Seals: Buna N.

1/4 inch BSPT Male Socket	5466506
3/8 inch BSPT Male Socket	5466510
1/2 inch BSPT Male Socket	5466513
1/4 inch BSP Female Socket	5466606
3/8 inch BSP Female Socket	5466610
1/2 inch BSP Female Socket	5466613
1/8 inch BSP Male Plug	5466703
1/4 inch BSP Male Plug	5466706
3/8 inch BSP Female Plug	5466803
1/4 inch BSP Female Plug	5466806
6 mm Hose Tail Plug	5466906
8 mm Hose Tail Plug	5466908
10 mm Hose Tail Plug	5466910
13 mm Hose Tail Plug	5466913
6 mm Hose Tail Coupler Socket	5467006
8 mm Hose Tail Coupler Socket	5467008
10 mm Hose Tail Coupler Socket	5467010
13 mm Hose Tail Coupler Socket	5467013



4. Brass Quick Release Water Couplings

Quick connect brass water couplings with double European lock c/w hose tails and nitrile seal. 10bar working pressure.

Coupling	1/2" (13mm)	3/4" (19mm)	1" (25mm)
Brass Water QR x Hosetail	5473313	5473319	5473325
Brass Water QR x BSP Female	5473513	5473519	5473525
Brass Water QR x BSP Male	5473613	5473619	5473625
Brass Water QR Coupling Seal	5473300		
Brass Water QR Coupling Blank End	5473700		



6. Prevost Prevo S1 Couplings

PREVO S1 couplings are high performance coupling with a push button system for intuitive and natural use. Optimal flow rate allows for maximum efficiency of pneumatic systems and tools with perfect leak tightness.

Key features:

Safe connect/ disconnect	Silicone free	Sleek design
Leak free	Non-scratch	Lightweight & Compact
	Anti-static body	Swivel body

Prevo S1 compact blow guns use the S1 couplings as part of it's design allowing for a compact safer tool. Available with metal or composite OSHA nozzle.

Trigger is colour coded to match the Prevo S1 coupling.

BSI 06 comes with an orange button and interchanges with PCL 60 and Rectus 19 series systems.

ESI 07 comes with a green button and interchanges with Rectus 25 & CEJN 20 systems.

	BSI 06 (Orange Button)		ESI 07 (Green Button)	
	Coupling	Plug	Coupling	Plug
6mm hose tail	54S1206	5467506	54S1506	5468106
8mm hose tail	54S1208	5467508	54S1508	5468108
10mm hose tail	54S1210	5467510	54S1510	5468110
13mm hose tail	54S1213	-	54S1513	5468113
1/4" BSPT Male	54S1006	5467306	54S1306	5467908
3/8" BSPT Male	54S1010	5467310	54S1310	5467910
1/2" BSPT Male	54S1013	-	54S1313	5467913
1/4" BSP Female	54S1106	5467406	54S1406	5468006
3/8" BSP Female	54S1110	5467410	54S1410	5468010
1/2" BSP Female	54S1113	-	54S1413	5468013



7. Prevost S1 BSI 06 Compact Blow Gun

A compact blow gun with integrated BSI 06 plug. The blow gun uses the Prevost S1 coupling as part of it's design allowing for a compact but safe tool. This lightweight gun comes complete with a long narrow metal nozzle for powerful blowing. It's trigger is colour coded orange to match the Prevo S1 coupling to allow easy identification. Also available with polyamide composite nozzle. Both metal and composite. Available in OSHA safety versions.

Metal Nozzle	54S1900
OSHA Safety Nozzle	54S1901
Blow Gun Kit inc. hose & S1 coupling	54S1920



8. Prevost S1 ESI 07 Compact Blow Gun

A compact blow gun with integrated ESI 07 plug. The blow gun uses the Prevost S1 coupling as part of it's design allowing for a compact but safe tool. This lightweight gun comes complete with a long narrow metal nozzle for powerful blowing. It's trigger is colour coded green to match the Prevo S1 coupling to allow easy identification. Also available with polyamide composite nozzle. Both metal and composite. Available in OSHA safety versions.

Metal Nozzle	54S1910
OSHA Safety Nozzle	54S1911



9. Prevost Blow Gun

A robust, anti-scratch, antislip blow gun manufactured from a composite material. Metal nozzle with tapered end or composite OSHA nozzle. Supplied with 1/4" BSP female inlet.

Metal Nozzle	54P0000
OSHA Safety Nozzle	54P0001



10. Macdonald Bayonet Quick Connect Couplings

These fittings are used extensively on compressed air and nitrogen on oil refineries, chemical and industrial plants to ensure maximum safety of operation. The Macdonald couplings are bayonet style couplings which are used in pairs, comprising a female and male coupling and connected by a push and quarter turn, once connected the spring-loaded sleeve of the male coupling prevents accidental disconnection. NPT versions are also available to order.

Size	Male			Female		
	Hosetail (HM)	BSP Male (OM)	BSP Female (IM)	Hosetail (HF)	BSP Male (OF)	BSP Female (IF)
13mm / 1/2"	5465513	5465913	5466013	5465613	5465713	5465813
19mm / 3/4"	5465519	5465919	5466019	5465619	5465719	5465819
25mm / 1"	5465525	5465925	5466025	5465625	5465725	5465825



11. Sleeve/HF Type Fitting 3/4 inch

Fully compatible with Macdonald quick connect couplings. Operates on the push and 1/4 turn locking principle but with an additional safety feature – the female coupling freely rotates 360° eliminating hose twist and potential kinking, stress on the coupling and premature failure. The male coupling has a locking nut that when spun in position locks the couplings in the coupled position, thus preventing accidental disconnection.

This coupling is also fitted with an integral swage ferrule for the ultimate integrity when swaged into an appropriate industrial hose.

Please contact us for details on hose assemblies.

For use on compressed air & nitrogen applications.

Sleeve/HM Type Fitting 3/4 inch

A locking nut that when spun into position locks the couplings in coupled position, thus preventing accidental disconnection.

HF	Female	5490023
HM	Male	5490019



1. Aluminium Hose Repairers

Suitable for joining lengths of water hose on pressure applications up to 100psi providing that an appropriate method of attachment has been used e.g. Band-It preformed clamps or double bolt clamps.

For 32 mm ID Hose	5478032
For 38 mm ID Hose	5478038
For 51 mm ID Hose	5478051
For 63 mm ID Hose	5478063
For 76 mm ID Hose	5478076
For 102 mm ID Hose	5478102



2. Brass BSP Female Hose Tails

Brass BSP female threads to hose tail. Available either flat faced or cone seat, for air and water applications.

Hose Tail	BSP Thread	Flat Face	Cone Seat
6mm	1/4"	5469406	5469506
10mm	3/8"	5469410	5469510
13mm	1/2"	5469413	5469513
19mm	3/4"	5469419	5469519
25mm	1"	5469425	5469525



3. Brass BSP Male Hose Tails

Brass BSP Male threads to hose tail. Available either parallel or tapered, for air and water applications.

Hose Tail	BSP Thread	Parallel	Taper
6mm	1/4"	5469606	5478106
10mm	3/8"	5469610	5478110
13mm	1/2"	5469613	5478113
19mm	3/4"	5469619	5478119
25mm	1"	5469625	5478125
38mm	1 1/2"	5469638	



4. Whipchecks Hose Safety Devices

Multi strand flexible galvanised aircraft quality steel cable which prevents hose whipping in the event of coupling failure or accidental failure of compressed air and other high pressure connections.

Whipcheck A 13 mm - 32 mm	5470103
Whipcheck B 38 mm - 76 mm	5470110
Whipcheck c/w Copper Ferrule A 13-32mm	5470113



5. Brass Full Flow Ball Valves

Lever handle with female to female BSP connections. Temperature Range: -30°C to +180°C.

1/4 inch	54F0006
3/8 inch	54F0010
1/2 inch	54F0013
3/4 inch	54F0019
1 inch	54F0025



6. Safety Air Blow Gun

Safety air blow gun with 1/4 inch inlet.

54A0000



7. Hydraulic Inserts BSP Cone Female

Hydraulic hose fittings. Can be supplied loose or in an assembled hose to your specification. Available in plated steel or stainless steel. For other sizes please contact us.

Thread BSP	Hose Tail	Plated Steel	Stainless Steel
3/8" BSP	10mm	5450110	5450310
1/2" BSP	10mm	5450210	5450410
1/2" BSP	13mm	5450113	5450313
3/4" BSP	13mm	5450213	5450419
3/4" BSP	19mm	5450119	5450319
1" BSP	19mm	5450219	5450425
1" BSP	25mm	5450125	5450325
1 1/2" BSP	38mm	5450138	
2" BSP	51mm	5450151	



8. BSP Adapters Para x Taper

A range of BSP threaded adapters, parallel BSP male x taper BSP male.

Orientation		Mild Steel	Stainless Steel
3/8" BSPP	3/8" BSPT	5471010	5471210
3/8" BSPP	1/2" BSPT	5471011	5471211
1/2" BSPP	1/2" BSPT	5471013	5471213
3/4" BSPP	1/2" BSPT	5471015	5471215
3/4" BSPP	3/4" BSPT	5471019	5471219
3/4" BSPP	1" BSPT	5471022	5471221
1" BSPP	3/4" BSPT	5471021	
1" BSPP	1" BSPT	5471025	5471225



9. BSP Adapters Para x Para

A range of BSP threaded adapters, parallel male thread on each size.

Orientation		Mild Steel	Stainless Steel
3/8" BSPP	3/8" BSPP	5461010	5461110
3/8" BSPP	1/2" BSPP	5461011	5461111
1/2" BSPP	1/2" BSPP	5461013	5461113
3/4" BSPP	1/2" BSPP	5461015	5461115
3/4" BSPP	3/4" BSPP	5461020	5461120
1" BSPP	3/4" BSPP	5461021	5461121
1" BSPP	1" BSPP	5461025	5461125



10. Hansen HK Series Self Sealing Stainless Steel Coupling

Chosen to handle many corrosive liquids and gases, fluids where high purity must be maintained and high vacuum, etc. These Grade 303 stainless steel couplings are also suitable for non-aggressive fluids in corrosive environments. Larger sizes are available as are carbon steel Hansen HK Couplings. Threaded BSP Female.

	Plug	Socket
1/8 inch	5475003	5474903
1/4 inch	5475006	5474906
3/8 inch	5475010	5474910
1/2 inch	5475013	5474913
3/4 inch	5475019	5474919
1 inch	5475025	5474925

11. Storz Fittings

A straight through coupling in which both halves are identical. Each half has forward projecting lugs and mating recesses. Any two parts with the same lug dimensions will connect together. This is the standard German tanker connection.

- Available in aluminium, brass and stainless steel.
 - 1/2 inch to 10 inch size range.
 - Hose tails, fixed or swivel BSP or NPT threaded options.
 - Working pressures up to 240 psi (16 bar).
 - Smooth bores help prevent product build up.
 - Different lug spaced units can be used to prevent accidental cross line contamination.
 - Lightweight and simple to connect.
- Standard stock – Aluminium



Storz Size	Female BSP	Male BSP	Hose Tail
1" 31mm lug	5426025	5427025	5425025
1 1/4" 44mm lug	5426032	5427032	5425032
1 1/2" 52mm lug	5426038	5427038	5425038
2" 66mm lug	5426051	5427051	5425051
2 1/2" 81mm lug	5426063	5427063	5425063
3" 89mm lug	5426076	5427076	5425076
4" 133mm lug	5426102	5427102	5425102



12. Guillemin Symmetrical Couplings

Symmetrical French coupling system with serrated hose-tails and locking ring.

- System "Guillemin", aluminium alloy, NBR-seal oil and petrol resistant, black.
- Working Pressure: 16 bar.
- Main applications are bulk powder and granule transfer.

4 inch Hose Tail	5490062
4 inch BSP Male Coupling	5490063
4 inch BSP Female Coupling	5490064



13. Tank Wagon Couplings Stainless Steel

Made to EN14420-6:2004. Easy to connect and disconnect with the locking handle, these couplings are popular on bulk transfer tanker applications. Also ideal for any applications where a quick connection is required. BSP threaded as standard. Also available in brass.

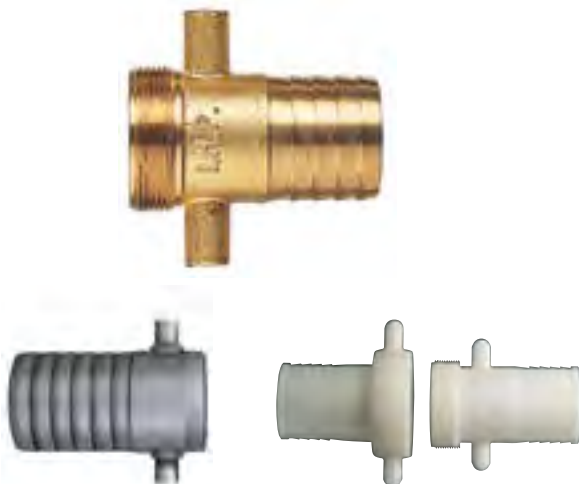
Size	Coupling MK	Adapter VK	Cap MB	Plug VB
2"	5490251	5490351	5490451	5490551
3"	5490276	5490376	5490476	5490576



14. Unicone Couplings

Unicone instantaneous joints with drab rubber ring. For edible and non-edible solids applications.

Joint with Drab Ring 100 mm	5430102
Drab Ring 100 mm	5431102
Adaptor 100 mm/102 mm Hose Tail	5432102
Weld-On Adaptor 100 mm Joint	5433102
Blank End 100 mm Joint	5434102



1. Lugged Hose Couplings)

BSP lugged coupling with a serrated hose tail. Available in 3 materials across various hose size.

For use in agriculture, pumping & tanking application.

Hose Tail (mm)	Thread Size (")	Brass BSP		Malleable Iron BSP		Polyprop BSP	
		Male	Female	Male	Female	Male	Female
13	½	5401013	5400013				
19	¾	5401019	5400019				
25	1	5401025	5400025				
38	1½	5401038	5400038	5404038	5403038	5413038	5412038
51	2	5401051	5400051	5404051	5403051	5413051	5412051
63	2½	5401063	5400063			5413063	5412063
76	3	5401076	5400076	5404076	5403076	5413076	5412076
102	4	5401102	5400102	5404102	5403102	5413102	5412102



2. Coupling Wrench

Available in various and used extensively for tightening of lug-type couplings.

1 ½ inch x 2 inch	5480038
2 inch x 2½ inch	5480051
2½ inch x 3 inch	5480063
4 inch	5480102



3. Galv Tin Can Strainer

General purpose suction strainer with hose tail.

25mm Hose Tail	5452025
51 mm Hose Tail	5452051
76 mm Hose Tail	5452076



4. Polypropylene BSPP blanking cap and chain

Polypropylene BSPP blanking cap and chain

1 ½ inch	5418038
2 inch	5418051
2½ inch	5418063
3 inch	5418076
4 inch	5418100



5. Cast Iron Foot Valve and Strainer

In cast iron with hose tail.

51 mm Hose Tail	5450051
76 mm Hose Tail	5450076



6. Value Worm Drive Hose Clamp Zinc Plated

Worm Drive Clamps produced according to DIN 3017 standard with 9mm and 12mm bandwidths.

Clamp Size	Pack Size	Code
8-12mm	100	42C0012
10-16mm	100	42C0016
12-20mm	100	42C0020
12-22mm	100	42C0022
16-27mm	50	42C0027
20-32mm	50	42C0032
23-35mm	50	42C0035
25-40mm	50	42C0040
30-45mm	50	42C0045
32-50mm	50	42C0050
40-55mm	10	42C0055
40-60mm	10	42C0060
50-70mm	10	42C0070
60-80mm	10	42C0080
70-90mm	10	42C0090
80-100mm	10	42C0100
90-110mm	10	42C0110
100-120mm	10	42C0120





7. Mild Steel Flanged Hose Spigots ASA150

- High quality mild steel flanges complete with serrated hose tails for use with rubber and thermoplastic hard and soft-walled hoses.
- Best secured by means of band-it pre-formed clamps, swaging and heavy duty bolt clamps.
- Can be manufactured to customer specific drawings - please contact Arco Hose for details.

Size	ASA150		PN16		PN10		Table D		Table E	
	Fixed	Swivel	Fixed	Swivel	Fixed	Swivel	Fixed	Swivel	Fixed	Swivel
1 inch x 25 mm	5440025	5449025	5442025	5448025	-	-	5438025	5408025	5439025	5419025
1½ inch x 38 mm	5440038	5449038	5442038	5448038	-	-	5438038	5408038	5439038	5419038
2 inch x 51 mm	5440051	5449051	5442051	5448051	-	-	5438051	5408051	5439051	5419051
2½ inch x 63 mm	5440063	5449063	5442063	5448063	-	-	5438063	5408063	5439063	5419063
3 inch x 76 mm	5440076	5449076	5442076	5448076	5441076	5447076	5438076	5408076	5439076	5419076
4 inch x 102 mm	5440102	5449102	5442102	5448102	5441102	5447102	5438102	5408102	5439102	5419102
5 inch x 127 mm	5440127	5449127	5442127	5448127	5441127	5447127	5438127	5408127	5439127	5419127
6 inch x 152 mm	5440152	5449152	5442152	5448152	5441152	5447152	5438152	5408152	5439152	5419152
8 inch x 203 mm	5440203	5449203	5442203	5448203	5441203	5447203	5438203	5408203	5439203	5419203



8. Stainless Steel Flanged Hose Spigots

High quality 304/321 stainless steel ASA 150 flanges with serrated hose tail, for use on chemical, food, potable water and other applications where a noncorroding flange is preferable.

Size	Fixed	Swivel	Size	Fixed	Swivel
1 inch x 25 mm	5490001	5400001	3 inch x 76 mm	5490004	5400004
1½ inch x 38 mm	5490002	5400002	4 inch x 102 mm	5490005	5400005
2 inch x 51 mm	5490003	5400003	6 inch x 152 mm	5490007	5400006

Made to Measure Flanged Assemblies

We can manufacture flanged assemblies from 1" through to 12" diameter.

Contact the Hose Division to discuss your requirements on **01482 383288**



9. PN16 Flange Bolt Kits

Bolt kit to suit PN16 flange. Zinc plated for long life. Supplied in a pre-packed kit ready to use.

2" PN16	54ZP000	6" PN16	54ZP003
3" PN16	54ZP001	8" PN16	54ZP004
4" PN16	54ZP002		



10. PN16 Rubber Gasket

Commercial rubber gasket for use with PN16 fixed flanges. 3mm thick, full face. Available to suit other flanges, please contact us for more information.

2" PN16	54G8051	6" PN16	54G8152
3" PN16	54G8076	8" PN16	54G8203
4" PN16	54G8102		





1. Bauer Hose Coupling



2. Bauer Lever Closure Ring



3. Bauer Rubber Sealing Ring



4. Bauer Tee Connection



5. Bauer Brass Gate Valves

	Female	Male
2 inch (51 mm)	5003051	5001051
3 inch (76 mm)	5003076	5001076
3 - 3½ inch (76 mm)	5003089	5001089
4 inch (102 mm)	5003102	5001102
5 inch (127 mm)	5003127	5001127
6 inch (152 mm)	5003152	5001152
8 inch (203 mm)	5003203	5001203

2 inch (51 mm)	5002051
3 inch (76 mm)	5002076
3 - 3½ inch (76 mm)	5002089
4 inch (102 mm)	5002102
5 inch (127 mm)	5002127
6 inch (152 mm)	5002152
8 inch (203 mm)	5002203

2 inch (51 mm)	5004051
3 inch (76 mm)	5004076
3 - 3½ inch (76 mm)	5004089
4 inch (102 mm)	5004102
5 inch (127 mm)	5004127
6 inch (152 mm)	5004152
8 inch (203 mm)	5004203

2 inch (51 mm)	5030051
3 inch (76 mm)	5030076
3 - 3½ inch (76 mm)	5030089
4 inch (102 mm)	5030102
5 inch (127 mm)	5030127
6 inch (152 mm)	5030152
8 inch (203 mm)	5030203

2 inch (51 mm)	5032051
3 inch (76 mm)	5032076
3 - 3½ inch (76 mm)	5032089
4 inch (102 mm)	5032102
5 inch (127 mm)	5032127
6 inch (152 mm)	5032152



6. Bauer Weld Type Ball

2 inch (51 mm)	5011051
3 inch (76 mm)	5011076
3 - 3½ inch (76 mm)	5011089
4 inch (102 mm)	5011102
5 inch (127 mm)	5011127
6 inch (152 mm)	5011152
8 inch (203 mm)	5011203



7. Bauer Ball End Caps Male

2 inch (51 mm)	5024051
3 inch (76 mm)	5024076
3 - 3½ inch (76 mm)	5024089
4 inch (102 mm)	5024102
5 inch (127 mm)	5024127
6 inch (152 mm)	5024152
8 inch (203 mm)	5024203



8. Weld Type Socket w/o Seal

2 inch (51 mm)	5013051
3 inch (76 mm)	5013076
3 - 3½ inch (89 mm)	5013089
4 inch (102 mm)	5013102
5 inch (127 mm)	5013127
6 inch (152 mm)	5013152
8 inch (203 mm)	5013203



9. Bauer Female End Caps S8

2 inch (51 mm)	5026051
3 inch (76 mm)	5026076
3 - 3½ inch (76 mm)	5026089
4 inch (102 mm)	5026102
5 inch (127 mm)	5026127
6 inch (152 mm)	5026152
8 inch (203 mm)	5026203



10. Bauer 60 Degree Bends

2 inch (51 mm)	5028051
3 inch (76 mm)	5028076
3 - 3½ inch (76 mm)	5028089
4 inch (102 mm)	5028102
5 inch (127 mm)	5028127
6 inch (152 mm)	5028152
8 inch (203 mm)	5028203



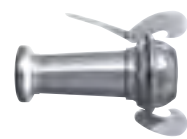
11. Bauer 90 Degree Bends

2 inch (51 mm)	5027051
3 inch (76 mm)	5027076
3 - 3½ inch (76 mm)	5027089
4 inch (102 mm)	5027102
5 inch (127 mm)	5027127
6 inch (152 mm)	5027152
8 inch (203 mm)	5027203



12. Bauer Reducer Connections

3½ inch to 2 inch	5033050
3 inch to 2 inch	5033076
3½ inch to 3 inch	5033089
4 inch to 3½ inch	5033102
5 inch to 4 inch	5033127
6 inch to 4 inch	5033133
6 inch to 5 inch	5033152
8 inch to 6 inch	5033203
4 inch to 3 inch	5033300



13. Bauer Enlarger Connections

2 inch to 3½ inch	5034050
2 inch to 3 inch	5034076
3 inch to 3½ inch	5034089
3½ inch to 4 inch	5034102
4 inch to 5 inch	5034127
5 inch to 6 inch	5034152
6 inch to 8 inch	5034203
4 inch to 6 inch	5034300



14. Bauer Threaded Ball



15. Bauer Threaded Sockets



16. Bauer Flanged Sockets



17. Bauer Flange Ball & Ring



18. Bauer GP Strainer

2 inch x 2 inch BSP	5037051
3 inch x 2½ inch BSP	5037076
3½ inch x 3 inch BSP	5037089
4 inch x 4 inch BSP	5037102
5 inch x 5 inch BSP	5037127
6 inch x 6 inch BSP	5037152

2 inch x 2 inch BSP	5038051
3 inch x 2½ inch BSP	5038076
3½ inch x 3 inch BSP	5038089
4 inch x 4 inch BSP	5038102
5 inch x 4 inch BSP	5038127
6 inch x 6 inch BSP	5038152

2 inch (51 mm)	5036051
3 inch (76 mm)	5036078
3 - 3½ inch (76 mm)	5036089
4 inch (102 mm)	5036102
5 inch (127 mm)	5036127
6 inch (152 mm)	5036152
8 inch (203 mm)	5036203

2 inch (51 mm)	5035051
3 inch (76 mm)	5035076
3 - 3½ inch (89 mm)	5035089
4 inch (102 mm)	5035102
5 inch (127 mm)	5035127
6 inch (152 mm)	5035152
8 inch (203 mm)	5035203

General purpose Bauer intake strainer to ball with closure ring.	
2 inch (51 mm)	5017051
3 - 3½ inch (89 mm)	5017076
4 inch (102 mm)	5017102
6 inch (152 mm)	5017152
8 inch (203 mm)	5017203

Bolt Kits & Gaskets – we stock a range of bolt kits and rubber gaskets to suit Bauer & Leverlock flanged fittings, see page 39.

Leverlock Fittings



19. Leverlock Hose Coupling



20. Leverlock Full Coupling



21. Leverlock Closure Ring



22. Leverlock T Connection



23. Leverlock Sealing Ring

	Female	Male
2 inch (51 mm)	56L3051	50L1051
3 - 3½ inch (89 mm)	50L3089	50L1089
4 inch (102 mm)	50L3102	50L1102
6 inch (152 mm)	50L3152	50L1152
8 inch (203 mm)	50L3203	50L1203

2 inch (51 mm)	50LL051
3 - 3½ inch (89 mm)	50LL089
4 inch (102 mm)	50LL102
6 inch (152 mm)	50LL152
8 inch (203 mm)	50LL203
10 inch (254 mm)	50LL254
12 inch (305 mm)	50LL305

2 inch (51 mm)	50L2051
3 - 3½ inch tail (89 mm)	50L2089
4 inch (102 mm)	50L2102
6 inch (152 mm)	50L2152
8 inch (203 mm)	50L2203

2 inch (51 mm)	50LT051
3½ inch (89 mm)	50LT089
4 inch (102 mm)	50LT102
6 inch (152 mm)	50LT152
8 inch (203 mm)	50LT203

2 inch (51 mm)	50LO051
3½ inch (89 mm)	50LO089
4 inch (102 mm)	50LO102
5 inch (127 mm)	50LO127
6 inch (152 mm)	50LO152
8 inch (203 mm)	50LO203



24. Leverlock Weld Ball



25. Leverlock Ball End Cap Male



26. Leverlock Weld Socket w/o Sealing Ring



27. Leverlock Female End Cap w/o Sealing Ring

2 inch (51 mm)	50LB051
3 - 3½ inch tail (89 mm)	50LB089
4 inch (102 mm)	50LB102
6 inch (152 mm)	50LB152
8 inch (203 mm)	50LB203

2 inch (51 mm)	50LS051
3 - 3½ inch tail (89 mm)	50LS089
4 inch (102 mm)	50LS102
6 inch (152 mm)	50LS152
8 inch (203 mm)	50LS203

2 inch (51 mm)	50LW051
3 - 3½ inch tail (89 mm)	50LW089
4 inch (102 mm)	50LW102
6 inch (152 mm)	50LW152
8 inch (203 mm)	50LW203

2 inch (51 mm)	50LC051
3 - 3½ inch tail (89 mm)	50LC089
4 inch (102 mm)	50LC102
6 inch (152 mm)	50LC152
8 inch (203 mm)	50LC203



28. Leverlock 45 Degree Bend



29. Leverlock 90 Degree Bend



30. Leverlock Reducer Connections



31. Leverlock Enlarger Connections

2 inch (51 mm)	50L4051
3 - 3½ inch tail (89 mm)	50L4089
4 inch (102 mm)	50L4102
6 inch (152 mm)	50L4152
8 inch (203 mm)	50L4203

2 inch (51 mm)	50LR051
3 inch (76 mm)	50LR076
3 - 3½ inch tail (89 mm)	50LR089
4 inch (102 mm)	50LR102
6 inch (152 mm)	50LR152
8 inch (203 mm)	50LR203

2 - 3 inch	50LR076
2 - 3½ inch	50LR089
3 - 4 inch	50LR002
3½ - 4 inch	50LR102
4 - 5 inch	50LR127
4 - 6 inch	50LR152
5 - 6 inch	50LR001
6 - 8 inch	50LR203

2 - 3 inch	50LE000
2 - 3½ inch	50LE051
3 - 3½ inch	50LE001
3½ - 4 inch	50LE076
4 - 5 inch	50LE003
4 - 6 inch	50LE102
5 - 6 inch	50LE127
6 - 8 inch	50LE152



32. Leverlock Threaded Ball



33. Leverlock Threaded Socket



34. Leverlock Flanged Socket



35. Leverlock Flanged Ball & Closure Ring

2 x 2 inch BSP	50LD051
3 - 3½ x 3 inch BSP	50LD076
4 x 4 inch BSP	50LD102
6 x 6 inch BSP	50LD152

2 x 2 inch BSP	50LS051
3½ x 3 inch BSP	50LS076
4 x 4 inch BSP	50LS102
6 x 6 inch BSP	50LS152

2 inch (51 mm)	50LP051
3 - 3½ inch tail (89 mm)	50LP089
4 inch (102 mm)	50LP102
6 inch (152 mm)	50LP152
8 inch (203 mm)	50LP203

2 inch (51 mm)	50LA051
3½ inch (89 mm)	50LA089
4 inch (102 mm)	50LA102
6 inch (152 mm)	50LA152
8 inch (203 mm)	50LA203



36. Leverlock Y Connection



37. Leverlock Strainer with Foot Valve



38. Leverlock GP Strainer

2 inch (51 mm)	50LY051
3½ inch (89 mm)	50LY089
4 inch (102 mm)	50LY102
6 inch (152 mm)	50LY152
8 inch (203 mm)	50LY203

2 inch (51 mm) hose tail	50LV051
3½ inch (89 mm) hose tail	50LV089
4 inch (102 mm) hose tail	50LV102
6 inch (152 mm) hose tail	50LV152
8 inch (203 mm) hose tail	50LV203

2 inch (51 mm) hose tail	50LG051
3 inch (76 mm) hose tail	50LG076
3½ inch (89 mm) hose tail	50LG089
4 inch (102 mm) hose tail	50LG102
6 inch (152 mm) hose tail	50LG152
8 inch (203 mm) hose tail	50LG203
10 inch (254 mm) hose tail	50LG254
12 inch (305 mm) hose tail	50LG305

CAM ACTION COUPLINGS

Capable of carrying gases, liquids, powders and granules. The applications for this 'straight through coupling' are limited only by the compatibility of the material and seal with the media being handled, and the working pressure. Probably the simplest and most versatile quick coupling available. Interchangeable with other cam and groove products originally made to A-A-59326.

General Process

- Chemicals
- Pharmaceuticals
- Inks, Dyes
- Cosmetics
- Water
- Foodstuffs
- Petroleum

Brass/Gunmetal

Most commonly used for steel works, offshore, inks and dyes, and foul water waste because of its resistance to salt or contaminated water.

Polypropylene

Arco supply a range of dust caps and plugs to seal open couplings. Spare handles are also available. Standard seals for metallic couplings are Buna, and for polypropylene couplings are EPDM.

A general purpose coupling with lightweight and strength. Ideal for use in agricultural applications such as sprayers or in industry for chemical transfer where acid resistance is critical.

Stainless Steel

Widely used in food, chemical and pharmaceutical plants where a high quality hygienic fitting is required. Safety features are available for high risk applications.

Aluminium

Mainly used in water irrigation, oil, petroleum, flight refuelling and solid transfer applications.

Part A



Part B



Part C



Part A
Adaptor Female Thread

½ inch	501A013
¾ inch	501A019
1 inch	501A025
1½ inch	501A038
2 inch	501A051
3 inch	501A076
4 inch	501A102
6 inch	501A152

Part B
Coupler Male Thread

½ inch	501B013
¾ inch	501B019
1 inch	501B025
1½ inch	501B038
2 inch	501B051
3 inch	501B076
4 inch	501B102

Part C
Coupler Hose Tail

½ inch	501C013
¾ inch	501C019
1 inch	501C025
1½ inch	501C038
2 inch	501C051
3 inch	501C076
4 inch	501C102
6 inch	501C152

Part A
Adaptor Female Thread

½ inch	502A013
¾ inch	502A019
1 inch	502A025
1½ inch	502A038
2 inch	502A051
3 inch	502A076
4 inch	502A102

Part B
Coupler Male Thread

½ inch	502B013
¾ inch	502B019
1 inch	502B025
1½ inch	502B038
2 inch	502B051
3 inch	502B076
4 inch	502B102

Part C
Coupler Hose Tail

½ inch	502C013
¾ inch	502C019
1 inch	502C025
1½ inch	502C038
2 inch	502C051
3 inch	502C076
4 inch	502C102

Part A
Adaptor Female Thread

½ inch	503A013
¾ inch	503A019
1 inch	503A025
1½ inch	503A038
2 inch	503A051
3 inch	503A076
4 inch	503A102
6 inch	503A152

Part B
Coupler Male Thread

½ inch	503B013
¾ inch	503B019
1 inch	503B025
1½ inch	503B038
2 inch	503B051
3 inch	503B076
4 inch	503B102
6 inch	503B152

Part C
Coupler Hose Tail

½ inch	503C013
¾ inch	503C019
1 inch	503C025
1½ inch	503C038
2 inch	503C051
3 inch	503C076
4 inch	503C102
6 inch	503C152

Part A
Adaptor Female Thread

½ inch	504A013
¾ inch	504A019
1 inch	504A025
1½ inch	504A038
2 inch	504A051
3 inch	504A076
4 inch	504A102
5 inch	504A127
6 inch	504A152

Part B
Coupler Male Thread

½ inch	504B013
¾ inch	504B019
1 inch	504B025
1½ inch	504B038
2 inch	504B051
3 inch	504B076
4 inch	504B102
5 inch	504B127
6 inch	504B152

Part C
Coupler Hose Tail

½ inch	504C013
¾ inch	504C019
1 inch	504C025
1½ inch	504C038
2 inch	504C051
3 inch	504C076
4 inch	504C102
5 inch	504C127
6 inch	504C152

Part D



Part E



Part F



Part DC



Part DP



Part D
Coupler Female Thread

½ inch	501D013
¾ inch	501D019
1 inch	501D025
1½ inch	501D038
2 inch	501D051
3 inch	501D076
4 inch	501D102
6 inch	501D152

Part E
Adaptor Hose Tail

½ inch	501E013
¾ inch	501E019
1 inch	501E025
1½ inch	501E038
2 inch	501E051
3 inch	501E076
4 inch	501E102
6 inch	501E152

Part F
Adaptor Male Thread

½ inch	501F013
¾ inch	501F019
1 inch	501F025
1½ inch	501F038
2 inch	501F051
3 inch	501F076
4 inch	501F102
6 inch	501F152

Part DC
Dust Cap

½ inch	501G013
¾ inch	501G019
1 inch	501G025
1½ inch	501G038
2 inch	501G051
3 inch	501G076
4 inch	501G102
6 inch	501G152

Part DE
Dust Plug

½ inch	501H013
¾ inch	501H019
1 inch	501H025
1½ inch	501H038
2 inch	501H051
3 inch	501H076
4 inch	501H102
6 inch	501H152

Part D
Coupler Female Thread

¾ inch	502D019
1 inch	502D025
1½ inch	502D038
2 inch	502D051
3 inch	502D076
4 inch	502D102

Part E
Adaptor Hose Tail

½ inch	502E013
¾ inch	502E019
1 inch	502E025
1½ inch	502E038
2 inch	502E051
3 inch	502E076
4 inch	502E102

Part F
Adaptor Male Thread

½ inch	502F013
¾ inch	502F019
1 inch	502F025
1½ inch	502F038
2 inch	502F051
3 inch	502F076
4 inch	502F102

Part DC
Dust Cap

¾ inch	502G019
1 inch	502G025
1½ inch	502G038
2 inch	502G051
3 inch	502G076
4 inch	502G102

Part DE
Dust Plug

¾ inch	502H019
1 inch	502H025
1½ inch	502H038
2 inch	502H051
3 inch	502H076
4 inch	502H102

Part D
Coupler Female Thread

½ inch	503D013
¾ inch	503D019
1 inch	503D025
1½ inch	503D038
2 inch	503D051
3 inch	503D076
4 inch	503D102
6 inch	503D152

Part E
Adaptor Hose Tail

½ inch	503E013
¾ inch	503E019
1 inch	503E025
1½ inch	503E038
2 inch	503E051
3 inch	503E076
4 inch	503E102
6 inch	503E152

Part F
Adaptor Male Thread

½ inch	503F013
¾ inch	503F019
1 inch	503F025
1½ inch	503F038
2 inch	503F051
3 inch	503F076
4 inch	503F102
6 inch	503F152

Part DC
Dust Cap

½ inch	503G013
¾ inch	503G019
1 inch	503G025
1½ inch	503G038
2 inch	503G051
3 inch	503G076
4 inch	503G102
6 inch	503G152

Part DE
Dust Plug

½ inch	503H013
¾ inch	503H019
1 inch	503H025
1½ inch	503H038
2 inch	503H051
3 inch	503H076
4 inch	503H102
6 inch	503H152

Part D
Coupler Female Thread

½ inch	504D013
¾ inch	504D019
1 inch	504D025
1½ inch	504D038
2 inch	504D051
3 inch	504D076
4 inch	504D102
5 inch	504D127
6 inch	504D152

Part E
Adaptor Hose Tail

½ inch	504E013
¾ inch	504E019
1 inch	504E025
1½ inch	504E038
2 inch	504E051
3 inch	504E076
4 inch	504E102
5 inch	504E127
6 inch	504E152

Part F
Adaptor Male Thread

½ inch	504F013
¾ inch	504F019
1 inch	504F025
1½ inch	504F038
2 inch	504F051
3 inch	504F076
4 inch	504F102
5 inch	504F127
6 inch	504F152

Part DC
Dust Cap

½ inch	504G013
¾ inch	504G019
1 inch	504G025
1½ inch	504G038
2 inch	504G051
3 inch	504G076
4 inch	504G102
5 inch	504G127
6 inch	504G152

Part DE
Dust Plug

½ inch	504H013
¾ inch	504H019
1 inch	504H025
1½ inch	504H038
2 inch	504H051
3 inch	504H076
4 inch	504H102
5 inch	504H127
6 inch	504H152



1. Jubilee Worm Drive Clips

Genuine Jubilee Clips the original and the best worm drive hose clips, kite marked to comply with BS 5315:1991.

4200012 to 4200070 supplied in boxes of 10.

4200080 to 4200320 supplied individually.

Available in Mild Steel Zinc Plated and Stainless Steel

Size and Reference	Mild Steel Zinc Plated	Stainless Steel	Size and Reference	Mild Steel Zinc Plated	Stainless Steel
Ref No.000 (9.5 - 12 mm)	4200012	4201012	Ref No.3X (60 - 80 mm)	4200080	4201080
Ref No.M00 (11 - 16 mm)	4200016	4201016	Ref No.4 (70 - 90 mm)	4200090	4201090
Ref No.00 (13 - 20 mm)	4200020	4201020	Ref No.4X (85 - 100 mm)	4200100	4201100
Ref No.0 (16 - 22 mm)	4200022	4201022	Ref No.5 (90 - 120 mm)	4200120	4201120
Ref No.0X (18 - 25 mm)	4200025	4201025	Ref No.6 (110 - 140 mm)	4200140	4201140
Ref No.1A (22 - 30 mm)	4200030	4201030	Ref No.6X (130 - 150 mm)	4200150	4201150
Ref No.1 (25 - 35 mm)	4200035	4201035	Ref No.7 (135 - 165 mm)	4200165	4201165
Ref No.1X (30 - 40 mm)	4200040	4201040	Ref No.7½ (158 - 190 mm)	4200190	4201190
Ref No.1M (32 - 45 mm)	4200045	4201045	Ref No.8½ (184 - 216 mm)	4200215	4201215
Ref No.2A (35 - 50 mm)	4200050	4201050	Ref No.9½ (210 - 242 mm)	4200240	4201240
Ref No.2 (40 - 55 mm)	4200055	4201055	Ref No.10½ (235 - 267 mm)	4200270	4201270
Ref No.2X (45 - 60 mm)	4200060	4201060	Ref No.11½ (260 - 292 mm)	4200290	4201290
Ref No.3 (55 - 70 mm)	4200070	4201070	Ref No.12½ (286 - 318 mm)	4200320	4201320



2. Jubilee Worm Drive Clip Drivers

For use with Jubilee clips.

Hexagonal Clip Driver 95 mm	4203200
Flexible Clip Driver	4204000

3. Jubilee High Torque Stainless Steel Worm Drive Clips

Jubilee High Torque Stainless Steel Worm Drive Clips



20 - 35 mm	4208035
25 - 40 mm	4208040
25 - 45 mm	4208045
30 - 50 mm	4208050
40 - 70 mm	4208070
60 - 80 mm	4208080
70 - 95 mm	4208095
80 - 100 mm	4208100
90 - 120 mm	4208120
110 - 140 mm	4208140
130 - 160 mm	4208160
150 - 180 mm	4208180
170 - 200 mm	4208200
190 - 220 mm	4208220
210 - 240 mm	4208240
230 - 260 mm	4208260
250 - 280 mm	4208280
270 - 300 mm	4208300
290 - 320 mm	4208320
310 - 340 mm	4208340
330 - 360 mm	4208360



4. Jubilee Hose Clip Workshop Pack

Jubilee Workshop Pack.

Comprising 143 assorted Arco worm drive hose clips in a plastic re-useable box.

4202500



6. Mikalor Supra Clamp

The Supra range is the natural evolution of the Super W1 Clamp. Thanks to the beveled edges, the hose is protected from damage.
Complies fully with the RoHs directive EU 20032/95/EC dated 1st July 2006.
The clamp of choice for professionals in the industrial hose, automotive and agricultural machinery sectors as well as in all industrial applications where an outstanding and above all reliable heavy-duty clamp is required.
W2 – Stainless steel band, mild steel screw
W5 – Fully 316 Stainless Steel

Clamp Size	W1 Code	Clamp Size	W1 Code
23-25mm	4229025	86-91mm	4229091
26-28mm	4229029	92-97mm	4229097
29-31mm	4229031	98-103mm	4229104
32-35mm	4229036	104-112mm	4229112
36-39mm	4229037	113-121mm	4229121
40-43mm	4229043	122-130mm	4229131
44-47mm	4229048	131-139mm	4229139
48-51mm	4229051	140-148mm	4229147
52-55mm	4229055	149-161mm	4229160
56-59mm	4229059	162-174mm	4229174
60-63mm	4229063	175-187mm	4229188
64-67mm	4229067	188-200mm	4229200
68-73mm	4229073	201-213mm	4229213
74-79mm	4229079	214-226mm	4229226
80-85mm	4229085	240-252mm	4229252



7. Mikalor Supra Clamp

The Supra range is the natural evolution of the Super W1 Clamp. Thanks to the beveled edges, the hose is protected from damage.
Complies fully with the RoHs directive EU 20032/95/EC dated 1st July 2006.
The clamp of choice for professionals in the industrial hose, automotive and agricultural machinery sectors as well as in all industrial applications where an outstanding and above all reliable heavy-duty clamp is required.
W2 – Stainless steel band, mild steel screw
W5 – Fully 316 Stainless Steel

Clamp Size	W2 Code	W5 Code
17-19mm	4228019	54HD019
21-23mm	4228023	54HD022
23-25mm	4228025	54HD025
25-27mm	4228027	54HD028
29-31mm	4228031	54HD031
31-34mm	4228034	54HD035
37-40mm	4228040	54HD039
40-43mm	4228043	54HD043
43-47mm	4228047	54HD047
47-51mm	4228051	54HD051
51-55mm	4228055	54HD055
55-59mm	4228059	54HD059
59-63mm	4228063	54HD063
68-73mm	4228073	54HD073
73-79mm	4228079	54HD079
85-91mm	4228091	54HD091
97-104mm	4228104	54HD103
112-121mm	4228121	54HD121
140-150mm	4228150	54HD148
162-174mm	4228174	54HD174



8. Mikalor Double Bolt Super Clamp

A 2 bolt version of the popular Mikalor Super clamp. Manufactured with high quality 8.8 grade steel bolt and beveled edges protect the hose from harm.
W1 – Plated mild steel band and screw

Clamp Size	Code
40-48mm	4227048
48-56mm	4227058
56-64mm	4227064
64-72mm	4227072
72-80mm	4227080
80-88mm	4227088
88-96mm	4227096
96-104mm	4227104
104-112mm	4227112
112-120mm	4227120
120-128mm	4227128
128-136mm	4227136
136-146mm	4227146
146-156mm	4227156
156-166mm	4227166
166-176mm	4227176
176-186mm	4227186



9. Jubilee Multiband

Long length band and housing. Useful for making up large diameter bands and worm drive clips on site. 11 mm wide band.

30 metre zinc plated mild steel banding in cardboard dispenser	4231400
Box of 25 housings and screws (zinc plated mild steel)	4231501
30 metre stainless steel banding	4231700
Box of 25 housings and screws (stainless steel)	4231801



10. 'O' Clip Zinc Plated

Bright zinc plated mild steel 2 ear clips for small to medium sized bore hoses.
4223006 to 4223022 supplied in boxes of 50.
4223025 to 4223031 supplied individually.

5 - 7 mm	4223006	15 - 18 mm	4223018
7 - 9 mm	4223008	17 - 20 mm	4223019
8 - 11 mm	4223010	18 - 21 mm	4223020
9 - 11 mm	4223011	20 - 23 mm	4223022
11 - 13 mm	4223013	23 - 27 mm	4223025
13 - 15 mm	4223015	28 - 31 mm	4223028
15 - 17 mm	4223017	31 - 34 mm	4223031

Clamps



1. Malleable Iron Plain Clamps

Malleable iron plain clamp complete with nuts and bolts.

17 - 22 mm Outside Diameter	5469213
27 - 32 mm Outside Diameter	5469219
34 - 40 mm Outside Diameter	5469225
39 - 49 mm Outside Diameter	5469232
48 - 60 mm Outside Diameter	5469238
60 - 76 mm Outside Diameter	5469251



2. Malleable Iron Claw Type Clamps

Supplied complete with nuts and bolts.

21-27 mm OD	5468813
38-32 mm OD	5468819
35-42 mm OD	5468825
45-53 mm OD	5468838
60-73 mm OD	5468851



3. 2 Bolt Steam Hose Clamps

Boss-type, re-usable clamp with interlocking finger, type 2 bolt safety clamp. This is the recommended method of securing steam hose fittings. Also suitable for high pressure air applications.

1/2 inch ID 25 - 29 mm OD	5447029
3/4 inch ID 31 - 33 mm OD	5447033
3/4 inch ID 37 - 40 mm OD	5447040



4. 4 Bolt Steam Hose Clamps

Boss-type, re-usable clamp with interlocking finger, type 2 bolt safety clamp. This is the recommended method of securing steam hose fittings. Also suitable for high pressure air applications.

1 inch ID	39 - 42mm OD	5447042
1 1/4 inch ID	48 - 52 mm OD	5447052
1 1/2 inch ID	51 - 56 mm OD	5447056
1 1/2 inch ID	56 - 60 mm OD	5447060
2 inch ID	65 - 70 mm OD	5447070



5. DIN Smooth Tail

For use with 5490041 DIN 14 420-5 smooth hose tails.

- High quality, robust clamps of forged aluminium.
 - Easy, very safe and reusable system.
- Please ensure correct hose dimensions before ordering.

Clamps	BSP Male	BSP Female
Clamp 19 x 6mm	5490054 3/4" BSP Male x 19mm Tail	5490047 3/4" BSP Female x 19mm Tail
Clamp 25 x 6mm	5490055 1" BSP Male x 25mm Tail	5490048 1" BSP Female x 25mm Tail
Clamp 32 x 6mm	5490056 1 1/4" BSP Male x 32mm Tail	5490049 1 1/4" BSP Female x 32mm Tail
Clamp 38 x 6.5mm	5490057 1 1/2" BSP Male x 38mm Tail	5490050 1 1/2" BSP Female x 38mm Tail
Clamp 50 x 8mm	5490059 2" BSP Male x 51mm Tail	5490051 2" BSP Female x 51mm Tail
Clamp 63 x 8mm	5490060 2 1/2" BSP Male x 63mm Tail	5490052 2 1/2" BSP Female x 63mm Tail
Clamp 75 x 8mm	5490061 3" BSP Male x 76mm Tail	5490053 3" BSP Female x 76mm Tail



6. Band-It 201 Stainless Steel Strapping

30.5 metre of band in a cardboard dispenser. Band Buckle.

6.4 mm Wide	4234006
9.5 mm Wide	4234010
12.7 mm Wide	4234013
15.9 mm Wide	4234016
19 mm Wide	4234019

Band-It 201 Stainless Steel Buckles

Boxes contain 100 buckles. Giant Band-It strapping and buckles for heavier duty applications are also available. Band Buckle.



6.4 mm	4234406
9.5 mm	4234410
12.7 mm	4234413
15.9 mm	4234416
19 mm	4234419



7. Band-It Valustrap

- A non magnetic stainless steel strapping.
- Used for securing signs, pipe insulation, cable bundling and a variety of other lightweight fastening applications.
- Excellent corrosion resistance.
- Supplied in coils of 91.5 metre.

9.5 mm Wide	4236010
12.7 mm Wide	4236013
15.9 mm Wide	4236016
19.0 mm Wide	4236019

Band-It Valuclips

Used in conjunction with Valustrap.



9.5 mm Wide	4236410
12.7 mm Wide	4236413
15.9 mm Wide	4236416
19.0 mm Wide	4236419



8. Band - It Tool C001

Used to apply Band-It strapping and buckles. Other adaptors and air-driven tools are available. Pre-formed Band-It clamps are available and are ideal for high volume production runs requiring the same size clamps.

4233000



Band It Bantam Tool C075

Compact, lightweight, ratchet action tool with inbuilt cutter. Use with Valustrap, BAND-IT Ties, PPA-coated band, and PPA-coated BAND-FAST products.

- Three-way handle adjustments for one- or two-handed tensioning
- Zinc-plated for corrosion resistance
- Useful in tight areas with minimal access
- Designed for easy loading and removing of material
- Use with coated and uncoated BAND-IT ties or coated band up to 19mm wide and up to 0.63mm thick

4233001

Hose reels can improve any area where hoses are used.

We supply a wide range of manual and retractable hose reels from our Essentials reel right up to the Cox motor driven units. With such a wide range, we can offer a solution for the majority of applications from a simple air line to high pressure grease or fuel delivery.

The main benefits are:

- **Increased Safety**
- **Improved Efficiency**
- **Reduced Leaks**



9. Essentials Air Hose Reel

The Essentials range is an entry level spring retractable reel. Both reels are made from a heavy duty polypropylene housing with a built in 180° rotating wall bracket. Supplied complete with a polyurethane airline hose, they also have a built in auto-lock which removes hose tension while the airline is in use. Supplied with feeder hose.

Code	With Hose	Length (mtrs)	Hose ID (mm)	Pressure (bar)	Inlet (BSP)	Media	Feeder Hose Length (m)
54R3095	Yes	9	8	20	3/8" Male	Air	1.5
54R3096	Yes	15	10	20	3/8" Male	Air	1.5



10. Prevost DPFE ATEX Air Hose Reel

Prevost spring retractable hose reel for use in ATEX zone 2 and zone 22 explosive atmospheres.

Supplied complete with antistatic polyurethane airline for use up to 12 bar. The reel comes complete with integrated pivot bracket allowing 180 degrees' coverage in the workplace.

Hose termination; 3/8" BSP Male

Reel inlet; 3/8" BSP Female

Compliant to ATEX Directive 2014/34/EU. Group: II, Category: 2, ATEX group: GD, ATEX type: IIB

Prevost DPFE ATEX Air Hose Reel 12m x 10mm	54R4080
Prevost DPFE B ATEX Slow Retract Air Hose Reel 12m x 10mm	54R4081



11. Recoil Gen III Hose Reel

With its tough casing and reliable working parts this reel is the perfect choice for all professional work.

The GENIII is manufactured from tough, impact and corrosion resistant UV stabilised polypropylene with added anti-static and flame retardants.

Application	I.D. (mm)	Hose Length (m)	Working Pressure (bar)	Code
Air & Water	8	15	20	5483214
Air & Water	8	50	20	5483215
Air & Water	10	20	20	5483202
Air & Water	13	18	20	5483206
Hot Wash	13	15	10	5483208
Breathing Air	10	20	15	5483209
Oxy/Acet	6	15	20	5483210
Oxy/Acet	8	15	20	5483219
Hi-Vis	10	20	15	54R3202
Hi-Vis	12	18	15	54R3206
Barrier	50mm x 20 mtrs			5483218
Fixed Wall Bracket				54R4067

Hose Reels



1. ME Series Retractable Hose Reel

ME Range of spring driven hose reels represents outstanding value for money. This is an extremely durable range of high quality reels with individual features and modern design for maximum strength and working life.

Steel construction with powder coated finish.

Length (m)	Hose I.D. (mm)	Pressure (bar)	Inlet BSP	Media	Weight (kg)	With Hose	Model	Code
18	10	200	3/4" Male	Pressure Wash	21	Yes	F460	54R3085
20	10	20	1/2" Male	Air/Water	19	Yes	F460	54R3080
15	13	20	1/2" Male	Air/Water	20	Yes	F460	54R3081
15	13	15	1/2" Male	Food Hotwash	23	Yes	F460	54R3051
25	13	20	1/2" Male	Air/Water	35	Yes	F550	54R3082
15	19	10	1" Female	Adblue	38	Yes	F550	54R3053
20	19	20	1" Female	Air/Water	48	Yes	F555	54R3083
20	19	15	1" Female	Food Hotwash	40	Yes	F555	54R3052
40	19	20	1" Female	Air/Water	75	Yes	F560	54R3100
15	19	20	1" Female	Fuel	43	Yes	F550	54R3086
10	25	20	1" Female	Fuel	45	Yes	F550	54R3087
15	25	20	1" Female	Air/Water	53	Yes	F555	54R3084
30	25	20	1" Female	Air/Water	80	Yes	F560	54R3099



2. ME Series Stainless Steel Hose Reels

The ME range of robust, heavy duty stainless steel hose reels will increase the life of expensive wash down, chemical and fluid transfer hoses. By properly storing hose when not in use you will eliminate the safety risk by removing the tripping hazard of un-stored hose. Stainless steel reels are ideal for food processing, wash down, chemical transfer, salt water marine and other aggressive applications.

All stainless steel reels have full flow shaft and swivel assembly.

Length (m)	Hose I.D. (mm)	Pressure (bar)	Inlet BSP	Media	Weight (kg)	With Hose	Model	Code
18	10	200	3/4" Male	Pressure Wash	21	Yes	FX460	54R3092
15	13	15	1/2" Male	Food Hotwash	23	Yes	FX460	54R3097
15	13	20	1/2" Male	Air/Water	20	Yes	FX460	54R3088
25	13	20	1/2" Male	Air/Water	35	Yes	FX550	54R3089
15	19	10	1" Female	Adblue	38	Yes	FX550	54R3054
20	19	15	1" Female	Food Hotwash	40	Yes	FX555	54R3098
20	19	20	1" Female	Air/Water	48	Yes	FX555	54R3090
15	19	20	1" Female	Fuel	43	Yes	FX550	54R3093
10	25	20	1" Female	Fuel	45	Yes	FX550	54R3094
15	25	20	1" Female	Air/Water	53	Yes	FX555	54R3091



3. ME Series Hose Reel Swivel Brackets

High quality swivel brackets to suit the ME series hose reels.

Available in both powder coated and stainless steel.

Reel Model	Painted	Stainless
F460	54R1030	54R1033
F550	54R1031	54R1034
F555	54R1032	54R1035



4. Hose Reel Pedestal

A robust steel pedestal complete with a pre-drilled plate to suit the ME series hose reels. Ideal for use where a wall isn't available for mounting.

Suitable for use internally or externally and will be supplied with a powder coat finish to any standard RAL colour.

We can have manufactured to specific height or for other hose reels if required.

Please call the Arco Hose Division for more information.

Pedestal to Suit F555 Reel	54R1020
Pedestal to Suit F560 Reel	54R1021



5. Hose Reel Fluid Path Pedestal

A robust galvanised steel pedestal complete with a pre-drilled plate to suit the ME series hose reels. Fitted with a bulkhead fluid path for the feeder hose. Enables mains connection directly to the back of the pedestal.

Ideal for use where a wall isn't available for mounting. Suitable for use internally or externally.

We can have manufactured to specific height or other hose reels if required. Please call the Arco Hose Division for more information.

Pedestal to suit F555 Reel	B399179
Pedestal to suit F560 Reel	B420779



6. ME Series Wash Water Hose Reel Kit

ME spring driven hose reels represent outstanding value for money.

The set comprises of a ME reel fitted with 20 metres of 19mm water hose, terminating in a heavy duty blue water gun. Complete with feeder hose assembly incorporating a ball valve for mains water isolation.

Steel construction with powder coated finish.

ME Reel & Water Gun Kit 20m x 19mm

54R1041



7. ME Series Wash Water Hose Reel & Pedestal Kit

ME Series retractable hose reels offer outstanding value for money. This set is supplied complete and ready to use - simply fix the pedestal down and connect the water supply. Set includes a reel complete with 20 metres of 19mm black water hose and heavy duty water gun, pivot bracket, feeder hose and pedestal.

The galvanised pedestal has a built in fluid path allowing easy connection of mains water. With a valve for isolating the flow and a separate valve to allow hose to be drained for maintenance/frost protection.

ME Reel & Pedestal Kit 20m x 19mm

54R1040



8. ME Reel Air/Water Pedestal & GRP Cabinet

ME Series retractable hose reel set. Supplied in a GRP cabinet, insulated with a low voltage space heater for frost protection.

Hose reel is fitted with black water hose including trigger spray gun. Feeder hose is included and connects to a bulkhead fitting in the base of the cabinet. Mains water connects to a 3/4in ball valve on the cabinet base.

Stainless steel hinges and clasp for weather resistance.

Available 20m & 30m for wash water as standard. Other hose applications available on request.

20m x 19mm	54R1012
15m x 25mm	54R1014
40m x 19mm	54R1013
30m x 25mm	54R1015



9. Hose Reel Cabinet & Stand

A robust cabinet and frame manufactured to suit the ME series hose reels. Ideal for protecting reels in demanding outdoor environments, popular with utility companies and contractors.

The frame is manufactured from steel and the cabinet from aluminium to help reduce weight. Both are supplied with a powder coat finish to any standard RAL colour of your choice.

Stainless steel hinges and locking handle are standard to ensure longevity of service. The cabinet will come as standard with insulation to help prevent frost damage in the colder seasons.

Available as an extra is a thermostat controlled trace heater.

For more information, please contact the Arco Hose Division.

Hose reel not included.

Cabinet/Stand to suit F555 Reel	54R1000
Cabinet/Stand to suit F560 Reel	54R1001

Cox Hose Reels

EZ Coil Safety Reel – The World's Safest Hose Reel

Cox are a USA based manufacturer of high quality industrial hose reels. The patented EZ-Coil bearing is a safety device that can be fitted to a range of Cox retractable hose reels, providing a safer reel for the workplace.

If the hose is released by accident or misuse, instead of the hose retracting uncontrollably the EZ-Coil's design slowly retracts the hose so any danger of damage or injury is greatly reduced.



Key Features;

- Up to 80% slower retraction
- Reduces hose impact force & prolongs the life of the reel
- Reduce workplace accidents
- Increased operator safety
- Lengths up to 30m
- Hose size up to 19mm ID



1. Cox SH Series Spring Driven Hose Reel

SH Series Super Hub spring driven hose reels, like the P series, have a history of dependable performance. The larger chassis and frame accommodate longer lengths and larger diameters of hose.

The dual axle Super Hub support system increases stability during operation, reducing vibration and strengthens the structural integrity of the reel.

Swivel: Brass. **Seal Material:** Nitrile

Also available for: Oil, Grease, Pressure Wash

Other diameter and lengths available, please contact us for more details.

Length (m)	Hose ID (mm)	Pressure (bar)	Inlet BSPTF	Media	Weight (kg)	With Hose	Standard Reel	EZ Coil Reel
23	10	20	3/8"	Air/Water	31	Yes	54R4070	54R3004
31	10	20	3/8"	Air/Water	33	Yes	54R3022	54R3005
23	13	20	1/2"	Air/Water	32	Yes	54R3024	54R3006
31	13	20	1/2"	Air/Water	37	Yes	54R3025	54R3007
10	19	20	3/4"	Air/Water	26	Yes	54R3026	54R4014
15	19	20	3/4"	Air/Water	32	Yes	54R3027	54R3009



2. Cox P Series Spring Driven Hose Reel

P series "PERFORMANCE" spring driven hose reels have a long history of dependability and trouble free performance. Their compact and heavy duty construction make them highly versatile and virtually indestructible. Time tested proven components, superior design have contributed to it's worldwide reputation as the most trusted hose reel.

Swivel: Brass. **Seal Material:** Nitrile

Also available for: Oil, Grease, Pressure Wash

Length (m)	Hose ID (mm)	Pressure (bar)	Inlet BSPTF	Media	Weight (kg)	With Hose	Standard Reel	EZ Coil Reel
15	6	20	1/4"	Air/Water	18	Yes	54R3018	54R3001
15	10	20	3/8"	Air/Water	20	Yes	54R3019	54R3002
15	13	20	1/2"	Air/Water	22	Yes	54R4020	54R3003



3. Cox T Series Spring Driven Hose Reel

T Series spring driven hose reels are the toughest hose reels in the spring driven line. The extra large chassis is strongly supported by dual pedestal-style arms that span from the roller guide bracket down to the sturdy mounting base. They're perfect for off-road applications that demand reliability in the most abusive and demanding environments.

Swivel: Brass. **Seal Material:** Nitrile

Also available for: Oil, Grease, Pressure Wash

Other diameter and lengths available, please contact us for more details.

Length (m)	Hose ID (mm)	Pressure (bar)	Inlet BSPTF	Media	Weight (kg)	With Hose	Standard Reel	EZ Coil Reel
15	19	20	3/4" BSPTF	Air/Water	38	Yes	54R4030	54R4012
23	19	20	3/4" BSPTF	Air/Water	43	Yes	54R4031	-
10	25	20	1" NPT	Air/Water	42	Yes	54R4071	-
15	25	20	1" NPT	Air/Water	45	Yes	54R4032	-



4. Cox C Series Combined Spring Driven Hose Reel

C Series "Combination" spring driven hose reels are a combination of two hose reels in one compact assembly. They are perfect for applications in which two sources are needed to get the job done and when space is a critical factor. The single mounting base creates stability and adds to the convenience of one mounting pattern.

Swivel: Brass

Seal Material: Nitrile

Also available for: Oil, Grease, Power Cable

Other diameter and lengths available, please contact us for more details.

Length (m)	Hose ID (mm)	Pressure (bar)	Inlet BSPTF	Media	Weight (kg)	With Hose	Code
15	10	20	3/8"	Air/Water	35	Yes	54R3037
8	13	20	1/2"	Air/Water	33	Yes	54R4038



5. Cox DM Series Manual Hose Reel

DM Series "Dolly Mount" hand crank hose reels offer lightweight, compact portability for long lengths of hose. Eliminate the task of manually coiling and uncoiling hose and easily transport it to the job site on wheels.

Applications: Air, Water, Oil, Pressure Wash

Swivel: Brass

Seal Material: Nitrile

Length (m)	Hose ID (mm)	Pressure (bar)	Inlet BSPTF	Media	Weight (kg)	With Hose	Code
61	10	280	3/8"	Air/Water/Oil	17	No	54R3046
100	10	280	1/2"	Air/Water/Oil	18	No	54R3048
68	13	280	1/2"	Air/Water/Oil	18	No	54R3047

Supplied without hose Please contact us if you require hose fitting to this reel.



6. Cox 100 Series Manual Hose Reel

100 Series hand crank hose reels are lightweight, compact, versatile reels. Save time and effort while increasing the safety of your work environment. The sturdy "U" shaped frame and all steel construction makes this an extremely robust yet compact reel.

Applications: Air, Water, Oil, Pressure Wash

Swivel: Brass

Seal Material: Nitrile

Other diameter and lengths available. Also available in stainless steel.

Length (m)	Hose ID (mm)	Pressure (bar)	Inlet BSPTF	Media	Weight (kg)	With Hose	Code
45	10	280	3/8"	Air/Water/Oil	10	No	54R3041
68	13	280	1/2"	Air/Water/Oil	14	No	54R3043
30	19	280	3/4"	Air/Water/Oil	16	No	54R3045

Supplied without hose Please contact us if you require hose fitting to this reel.



7. Cox 1125 Series Heavy Duty Manual Hose Reel

1125 Series hand crank hose reels have the features demanded by industry professionals.

The industry preferred design features a sturdy one piece all welded "A" frame base, low profile outlet riser and open drum slot design provides a non-crimping, flat smooth hose wrap.

Applications: Air, Water, Oil, Pressure Wash

Swivel: Brass. **Seal Material:** Nitrile

Stainless steel and motor driven versions are also available.

Also available with a trolley for easy transportation and a roller guide for smooth hose retraction.

Length (m)	Hose ID (mm)	Pressure (bar)	Inlet BSPTF	Media	Weight (kg)	With Hose	Code
61	13	200	1/2"	Air/Water/Oil	18	No	54R4058
99	13	200	1/2"	Air/Water/Oil	22	No	54R4059
30	19	200	3/4"	Air/Water/Oil	20	No	54R4062
61	19	200	3/4"	Air/Water/Oil	25	No	54R4064
30	25	200	1" NPT	Air/Water/Oil	32	No	54R4066

Supplied without hose Please contact us if you require hose fitting to this reel.



8. TE Series Stainless Steel Manual Hose Reels

The TE Series is designed for medium pressure air water applications.

- Manufactured from 304 stainless steel
- BSP Female inlet and outlet
- Max working pressure 200 bar

Length (m)	Hose ID (mm)	Pressure (bar)	Inlet BSP	Media	Weight (kg)	With Hose	Code
35	13	200	1/2"	Air/Water	11	No	5484013
70	13	200	1/2"	Air/Water	14	No	5485013
20	19	200	3/4"	Air/Water	12	No	5484019
40	19	200	3/4"	Air/Water	15	No	5485019

Supplied without hose. Can be supplied complete with hose dependent on application.

Call for more information.

Nederman

Nederman is a world leader in industrial air filtration. Specialists in solving problems related to fumes, gas, dust, recycling and working conditions. Predominantly working within the metal fabrication industry, vehicle repair shops, plastic and composite processing, chemical, food and woodworking industries amongst many more.

Nederman's service covers everything from a small desk top extraction point to a factory wide project taking in the planning, installation and commissioning of bespoke systems.

As a Gold Partner distributor Arco can offer access to Nederman's wide range of products and services. Please contact us to discuss your requirements further.



1. Nederman Benchtop Extractor Kits

Each kit is supplied complete with fan, filter, arm(s), hood(s), brackets and all interconnecting hoses. Designed for total ease of use they can be assembled in a matter of minutes. ESD Certified arms are available as an extra.

For use when soldering, gluing and working with solvents.

Filter efficiency DOP 99.97%.

All fans 240 volt.

Ref	Extraction Arm	Fan (watt)	Filter	Code
EK500	1 x 32 mm	80	Disposable	3217700
EK1000	2 x 32 mm	110	Disposable	3217701
EK1500	3 x 32 mm	120	Disposable	3217702
EK2000	1 x mini	112		3217703
EK2500	2 x 50 mm	127	Disposable	3217704
EK3000	1 x 75 mm	127		3217705



2. Nederman H Series Hose Reel

A high quality compact retractable hose reel for water and air. Suitable for light industrial use, professional tradesmen or do-it-yourself works. Ideal for pneumatic tools, staplers and blow guns.

- Complete with air/water hose
- Snap-on wall brackets
- Unique safety latch
- Drum with ball bearings on both sides
- Pressed fitting and steel spiral hose protector
- Hose easily replaced

I.D. (mm)	Length (m)	Working Pressure (psi)	Model	Code	Nederman Part
8	12	220	H30	5483904	30800230
10	10	220	H30	5483905	30800430



3. Nederman 884 Heavy Duty Self-Retracting Hose Reels

Large open hose reel made of die-cast powder coated aluminium, making the reel very robust and corrosion resistant. Supplied with standard air water hose or food quality wash down hose.

I.D. (mm)	Length (m)	Working Pressure (psi)	Model	Code	Nederman Part
12.5	20	220	Air / Water	5484200	30810284
19	15	220	Air / Water	5484300	30810484
25	10	220	Air / Water	5484400	30810684
12.5	20	290	Food Water	5486100	30810884
19	15	290	Food Water	5486200	30811284
25	10	290	Food Water	5486300	30811484



4. Nederman 886 Series Hose Reel

Hose reel made entirely in stainless steel, manufactured specially for the food industry with its demanding hygiene requirements. Is it easy to clean thanks to its rounded edges with nowhere for bacteria to collect.

Also available ATEX approved for installation in zones 1, 2, 21 and 22 in accordance with ATEX 94/9/EC. Equipment category 2GD, gas group IIB.

Supplied without hose. Please contact Arco Hose Division for your hose requirements.

I.D. (mm)	Length (m)	Max Working Pressure (psi)	Model	With Hose	Code	Nederman Part
10	25	3625	Food High Pressure	No	5485354	30801386
12.5	25	1450	Food Medium Pressure	No	5485352	30800386
19	18	290	Food Low Pressure	No	5485350	30800186
12.5	25	290	ATEX	Yes	5484007	30804686



5. Nederman Filtercart

The Filtercart Original is the best performer when it comes to welding applications. Supplied complete with a 3 metre long arm.

The new FilterCart Advanced includes a warning signal when the filter is full, satisfying the requirements of the COSHH WL3 guidelines on welding fume control published by the Health and Safety Executive in the UK.

	Power Voltage (v)	Nederman Ref	Code
Advanced	240v 3m Arm	12631545	3217925
Advanced	110v 3m Arm	12631645	3217926
Original	240v 3m Arm	12623345	3217825
Original	110v 3m Arm	12622345	3217826
Original	HEPA Filter	12374016	3217827



6. Nederman FilterBox Modular Extraction

The FilterBox 10A is equipped with a N24 fan for a maximum air flow capacity of 1 000 m³/h (600 CFM). An integrated silencer reduces noise from the fan and outlet air. FilterBox 10A is available either as a mobile unit on wheels or attached to a floor stand. Additional protection from harmful particles is provided if a HEPA filter is installed. For dust applications, the unit is cleaned mechanically. For welding fumes it uses a combination of mechanical and compressed air cleaning. For welding applications, compressed air cleaning is required. For information on the complete range please contact Arco Hose Division. Replacement filters also available.

Model	Power Voltage (v)	Arm Length (m)	Mounting Ref	Nederman Ref	Code
FilterBox 10A	230	3	Mobile	12653663	3217920
FilterBox 10A	230	3	Floor	12653763	3217921
Replacement Filters					
Filter Ref	Application			Nederman Ref	Code
PW-FB-13	Welding			12332672	3217930
PW-HE-FB-15	Dust, stainless welding			12371106	3217931
PWA-FB-15	Dust (antistatic)			12371412	3217932



7. Nederman Fume Eliminator

Portable source capture directly on welding torch. The Fume Eliminator is designed to be carried to the working area. Connected to a welding torch or to an extraction nozzle, the FE unit extracts the fume directly at source. FE 840 has a manual start/stop function.

- Portable and easy to carry
- Low service costs
- User friendly

Also available with automatic start/stop function

Model	Power Voltage (v)	Frequency (Hz)	Nederman Ref	Code
FE840 Manual	120	50	70840100	3217940
FE840 Manual	230	50	70840442	3217941
Metal Filter			70282004	3217942



8. Nederman 160E Dust Collector

Light weight dry vacuum ideal for industrial floor cleaning and on-tool extraction for small grinders and sander. The Nederman high vacuum dry vacuum 160E is ideal when you have quality standards for effective cleaning and dust removal. You'll also appreciate its light weight, ease-of-handling and low operating and maintenance costs. The bag filters are easy to clean and have a life-time of 4-6000 hours. With a micro filter (optional) the unit will filtrate also the finest particles. The auto start/stop for electrical tools is very useful in industrial applications.

- Easy to handle
- Low operating and maintenance costs
- High filtration efficiency
- Long filter lifetime (4-6000 hours) with bag filters

Suitable for: Dust, Granulate, Fumes
Weight: 19.5kg. **Hose Length:** 5m.
Hose ID: 38mm

Power Voltage (v)	Nederman Ref	Code
230	40055020	3217950
110	40055030	3217951



9. Nederman 300E Dust Collector

Suitable for general cleaning and extracting welding fumes and grinding dust in construction sites, industry and automotive repair shops. The 300E is a compact industrial vacuum cleaner with long filter lifetime, 4000 - 6000 hours with bag filter. This dry vacuum is robust but easy to transport and has micro-filter as option. Convenient accessory box for brushes, nozzles etc. on the rear of the unit. Optimal suction power – twin single phase motors.

- Convenient accessory box
- Ergonomic trolley with adjustable handle
- Long filter lifetime (4-6000 hours) with bag filters
- HEPA filter option

Suitable for: Dust, Granulate, Swarf, Fumes
Weight: 19.5kg. **Hose Length:** 5m.
Hose ID: 38mm

Power Voltage (v)	Nederman Ref	Code
230	40055420	3217960
110	40055430	3217961

Ducting Selector Chart

Our Hose offer the most extensive range of ducting available in the UK.

The following pages contain a comprehensive selection from the leading ducting brand names for handling Air, Fumes, Dust and Materials.

The HD&F range is available in a choice of materials including:

- Polyurethane
- PVC
- Rubber Coated Fabrics
- Laminated Foils / Films
- Thermoplastic Elastomers

In bore sizes 51mm to 900mm and for a range of temperatures, depending upon ducting type.

MATERIALS HANDLING



Application	PUMD Ducting	PUMD Food Quality	Masterflex PUR-L	Masterflex PUR-H	Masterflex PUR-HX	Antistatic Smoothbore PU	Wyrem
Suitable Product							
Abrasive Powders			✓	✓	✓	✓	✓
Cement			✓	✓	✓		
Chalk			✓	✓	✓		
Chemicals - Powdered			✓	✓	✓		
Fertiliser - Granular			✓	✓	✓	✓	
Glass				✓	✓		
Grain			✓	✓	✓	✓	
Gravel				✓	✓		
Gypsum			✓	✓	✓		
Ice			✓	✓	✓		
Leaf Collection			✓	✓			
Pesticides			✓	✓	✓		
Pharmaceutical		✓					
Plastic Granuals				✓	✓	✓	
Pottery			✓	✓	✓		
Powdered Food		✓					
Pulp & Paper			✓	✓	✓		
Stone				✓	✓		
Sugar		✓				✓	
Wood Shaving/Chippings	✓		✓			✓	✓

FUME REMOVAL



Application	Masterflex Vinyl Clip Grey	Masterflex Neo 1 / Neo 2	Masterflex Sil 1 / Sil 2	Masterflex Santo LF	Black PVC Flame Retardant	Wyrem	Masterflex PVCflex	PVC Clear Medium Duty	PVC Grey Medium Duty	Vac Extract	PVC High Flexibility
Suitable Product											
Chemical	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Dry Cleaning		✓	✓	✓	✓			✓	✓	✓	✓
Exhaust/Garage Ventilation			✓	✓		✓					
Fume Extraction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fumigation	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Industrial Fumes	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Non-aromatic Solvents			✓	✓							
Oil Mist		✓	✓	✓						✓	✓
Paints/Varnish/Lacquers		✓	✓	✓				✓	✓	✓	✓
Photo Processing	✓	✓	✓	✓			✓	✓	✓	✓	✓
Welding		✓	✓	✓	✓		✓			✓	

AIR HANDLING



Application	Lightweight Aluminium	Masterflex Vinyl Clip Grey	Lightweight PVC Grey	Masterflex Neo 1 / Neo 2	Masterflex Sil 1 / Sil 2	Masterflex Santo LF	Black PVC Flame Retardant	Hand Stitched - to order
Suitable Product								
Aerospace (Air intake)				✓	✓		✓	✓
Air Conditioning/Ventilation	✓	✓	✓				✓	✓
Air Heaters	✓		✓	✓	✓	✓	✓	✓
Air Intake (Hot & Cold)	✓		✓	✓	✓	✓	✓	✓
Automotive				✓	✓	✓	✓	
De-humidifiers	✓	✓	✓			✓	✓	
Kitchen Ventilation	✓	✓	✓			✓		
Laundry Equipment				✓	✓	✓		
Materials Drying				✓	✓	✓		
Oil & Mist Extraction						✓		
Portable Ventilation	✓	✓	✓			✓	✓	
Space Heaters	✓		✓					✓
Venting Heat - Copying machines				✓	✓	✓		
Venting Heat - Extruding & Moulding			✓	✓	✓	✓		

DUST REMOVAL/COLLECTION



Application	PUMD Ducting	Antistatic Smoothbore PU	Wyrem	Masterflex PVCflex	PVC Clear Medium Duty	Vac Extract	PVC High Flexibility	PUMD Food Quality	Masterflex PUR-L
Suitable Product									
Abrasive Powders	✓	✓	✓	✓					✓
Cement	✓	✓	✓	✓		✓			✓
Chalk	✓	✓	✓	✓					✓
Chemicals - Powdered	✓	✓	✓	✓	✓	✓			✓
Fertiliser - Granular	✓	✓				✓			✓
Glass									✓
Grain	✓	✓			✓				✓
Gravel	✓	✓							✓
Gypsum	✓	✓		✓					✓
Ice									✓
Leaf Collection									✓
Pesticides	✓	✓		✓			✓		✓
Pharmaceutical								✓	
Plastic Granuals		✓		✓	✓	✓			✓
Pottery	✓	✓		✓					✓
Powdered Food								✓	
Pulp & Paper	✓	✓							✓
Stone	✓	✓		✓					✓
Sugar		✓						✓	
Wood Shaving/Chippings	✓	✓	✓	✓			✓		✓



1. Medium Duty Polyurethane Ducting

A very flexible medium duty ducting with a spring steel wire helix, manufactured from 0.5mm thick polyester polyurethane providing good chemical resistance and exceptional resistance to abrasion. PUMD ducting is flame retardant to DIN 4102 B1.
Application: Suitable for the suction and delivery of abrasive solids such as dust & powder, in the woodworking industry and for general industrial applications.

Wall Thickness: 0.5mm

Temperature Range: -40°C to +90°C. Intermittent to +125°C

Standard Length: 10 metre

Also available in electrically conductive approved black anti-static polyurethane. Please contact us for further details.

I.D. (mm)	O.D. (mm)	Working Pressure (psi)	Bend Radius (mm)	Vacuum (mm Hg)	Code
50	57	11.3	25	150	3682051
65	73	9.86	38	117	3682063
75	83	8.85	43	95	3682076
80	88	7.69	45	95	3682080
90	99	6.67	50	69	3682089
100	108	6.67	55	69	3682102
115	124	5.51	63	69	3682115
125	134	5.51	68	69	3682127
140	149	4.35	75	47	3682140
150	159	4.35	80	47	3682152
160	169	4.35	85	47	3682160
180	189	3.34	95	47	3682178
200	210	3.34	105	47	3682203
225	235	2.18	118	22	3682228
250	260	2.18	130	22	3682254

All pressure ratings quoted at ambient temperature



2. Medium Duty Polyurethane Ducting Food Quality

Flexible Food Quality ducting manufactured from 0.5 mm FDA polyether polyurethane with stainless steel wire helix. Good chemical resistance, microbe and hydrolysis resistant, odourless, tasteless and exceptional resistance to abrasion. Suitable for conveying of abrasive materials, dust and powder in the food industry.

Temperature range: -40°C to +90°C, peaks up to +125°C.

Standard Length: 10 metres.

Standards: Complies to EU & FDA Food Regulations

Construction: Material: 0.5 mm pure polyether polyurethane food grade quality.

Reinforcement: Stainless steel wire helix

I.D. (mm)	O.D. (mm)	Working Pressure (psi)	Bend Radius (mm)	Vacuum (mm Hg)	Code
50	57	11	25	150	3695051
65	68	11	35	139	3695063
75	83	8	43	95	3695076
100	108	6	55	69	3695102
125	134	5	70	69	3695127
150	159	4	80	47	3695152
200	210	•	105	47	3695203
250	260	2	130	22	3695254

All pressure ratings quoted at ambient temperature



3. Masterflex Trivolution Polyurethane Ducting

Master-PUR Trivolution is brand new in the Masterflex product range and offers unbeatable antistatic, hardly inflammable & microbe-resistant features. The Master-PUR Trivolution series is a further development of the industry-renowned Master-PUR hose range. The Master-PUR Trivolution consists of pure polyester polyurethane (PU). The polyester-PU applied here is equipped with much improved mechanical features in comparison to the more often-used and conventional polyether-PU.

Applications (across range); Transfer of grain, powder and dust. Oil mist extraction. Woodchip & splinter transfer. Silo vehicles and loading stations. Sand, gravel and granules.

Available in different versions with varying wall thickness depending on application.

Standards: Hardly inflammable to DIN 4102 B1. Antistatic, surface resistant to TRBS 2153 (Zone 20) for flammable dust/bulk goods for the dissipation of electrostatic charges with grounding at both ends.

Key properties: microbe-resistant, oil proof, highly abrasion resistant, halogen/plasticizer free, UV/ozone resistant

Temperature range: -40°C to +90°C, intermittent to +125°C

Standard length: 10 metre

Also available in electrically conductive approved black anti-static polyurethane. Please contact us for further details.

I.D. (mm)	PUR-L (0.7mm wall)			PUR-H (1.4mm wall)	PUR-HX (max 2.1mm wall)		
	Working Pressure (psi)	Vacuum (mm Hg)	Code	Working Pressure (psi)	Vacuum (mm Hg)	Code	Code
38	30	485	36T0038	45	603	36T1038	
50	24	382	36T0051	42	603	36T1051	36T2051
65	19	272	36T0063	35	486	36T1063	
75	16	220	36T0076	29	442	36T1076	36T2076
100	12	161	36T0102	22	324	36T1102	36T2102
125	10	161	36T0127	19	228	36T1127	
150	8	110	36T0152	15	191	36T1152	36T2152
200	6	110	36T0203	11	132	36T1203	



1. Masterflex Silicone Coated Ducting

Extremely lightweight and very flexible high temperature silicone coated glass fabric ducting. Reinforced with an internal steel wire helix and external glass cord. Suitable for air handling and extraction where extremes of temperature are involved. Applications; Conveyance of air/gaseous media with high nominal and ambient temperatures, hot air hose for granulate dryer, manufacturing plants and the chemical industry.

Temperature range: -70°C to +250°C, intermittent -85°C to +300°C

Standard length: 4 metre

Available in single layer (SIL1) or two layer (SIL2)

SIL 1 (single layer)				SIL 2 (two layer)			
I.D. (mm)	Working Pressure (psi)	Vacuum (mm Hg)	Code	Working Pressure (psi)	Vacuum (mm Hg)	Code	
25	23	375	3613025	40	478	3622025	
32	20	367	3613032	40	478	3622032	
38	18	367	3613038	37	441	3622038	
51	17	316	3613051	37	382	3622051	
63	16	286	3613063	34	353	3622063	
76	16	250	3613076	31	316	3622076	
90	14	220	3613089	29	294	3622089	
102	13	191	3613102	27	257	3622102	
127	11	125	3613127	20	183	3622127	
152	10	102	3613152	17	125	3622152	
203	7	51	3613203	14	102	3622203	
254	5	29	3613254	10	66	3622254	
305	2	14	3613305	7	51	3622305	



2. Masterflex Neoprene Coated Ducting

Extremely lightweight and very flexible high temperature neoprene coated glass fabric ducting. Reinforced with an internal steel wire helix and external glass cord. Suitable for air handling and extraction where extremes of temperature are involved. Applications; Conveyance of air/gaseous media with high nominal and ambient temperatures, hot air hose for granulate dryer, manufacturing plants and the chemical industry.

Temperature range: -35°C to +135°C, intermittent -85°C to +150°C

Standard length: 4 metre

Available in single layer (NEO1) or two layer (NEO2)

NEO 1 (single layer)				NEO 2 (two layer)			
I.D. (mm)	Working Pressure (psi)	Vacuum (mm Hg)	Code	Working Pressure (psi)	Vacuum (mm Hg)	Code	
25	23	375	3612025	40	478	3617025	
32	20	367	3612032	40	478	3617032	
38	18	367	3612038	37	441	3617038	
51	17	316	3612051	37	382	3617051	
63	16	286	3612063	34	353	3617063	
76	16	250	3612076	31	316	3617076	
80	14	235	3612080	30	309	3617080	
90	14	220	3612089	29	294	3617089	
102	13	191	3612102	27	257	3617102	
114	13	162	3612114	23	213	3617114	
127	11	125	3612127	20	183	3617127	
152	10	102	3612152	17	125	3617152	
180	8	80	3612178	15	88	3617180	
203	7	51	3612203	10	66	3617203	
254	5	29	3612254	7	51	3617254	
305	2	14	3612305	4	29	3617305	



3. Masterflex Santo LF Rubberised Ducting

Lightweight, very flexible thermoplastic rubber ducting reinforced with high tensile wire helix, providing good resistance to oil, chemical solvent fumes, abrasion and tensile strength.

Excellent resistance to severe flexing, ozone and weathering.

Polypropylene coated spring steel wire helix.

Application: Delivery and extraction of aggressive fumes in the chemical industry.

Temperature Range: -40°C to +135°C. Intermittent use +150°C

Standard Length: 10 metre.

I.D. (mm)	Working Pressure (psi)	Vacuum (mm Hg)	Bend Radius (mm)	Code
32	22	263	32	3625032
38	20	225	38	3625038
51	20	210	51	3625051
76	12	150	76	3625076
102	9	135	102	3625102
127	9	90	127	3625127
152	7	82	152	3625152

All pressure ratings quoted at ambient temperature.



4. Masterflex PVC Flex

Robust, highly flexible abrasion resistant wire reinforced ducting with helical and axial reinforcing yarns embedded in the PVC wall which provides added strength and resistance to pulling/tugging.

Application: Suitable for air handling and dust and fume extraction.

Temperature Range: 0°C to +70°C.

Standard Length: 15 metre up to 63mm, 76mm and above 10 metre

Other bore sizes available on request.

I.D. (mm)	Working Pressure (psi)	Bend Radius (mm)	Code
25	15	25	3647025
32	15	32	3647032
38	14	38	3647038
51	14	51	3647051
63	12	63	3647063
76	12	76	3647076
102	12	102	3647102



6. Vacuum Ducting Black PE-EVA

PE-EVA suction and transport hose, lightweight and crush resistant. For use with domestic and industrial vacuum cleaners and handicraft and extraction machines. Offers good resistance to oils, alkali and acids. Also available electrically conductive 10 6 Ohms. For use on extraction applications where the elimination of static build up is important.

Temperature Range: -40°C to +60°C

Delivery: Please allow 7 days.

Other sizes available.

Options: Screw on cuffs available to order

I.D. (mm)	Bend Radius (mm)	Code Standard	Code Electrically Conductive
38	80	3663038	3664038
50	100	3663051	3664051



7. Masterflex Vinyl Clip Ducting Grey

A strong, yet lightweight PVC ducting reinforced with external galvanised steel helix which protects against abrasion. This ducting is compressible and highly flexible and is used in the following applications Air conditioning, Asbestos Removal & general ventilation Colour grey.

Temperature range: -20°C to +70°C (intermittent to +80°C).

Standard Length: Up to 203mm - 10 metre. 305mm - 6 metre.

I.D. (mm)	Code	I.D. (mm)	Code
51	3602051	127	3602127
63	3602063	152	3602152
76	3602076	160	3602160
80	3602080	180	3602180
90	3602090	203	3602203
102	3602102	305	3602305
115	3602115		



7. PVC Vacuum Extraction Hose

Extremely flexible and durable, grey, PVC vacuum extraction hose designed for vacuum cleaners, fume extraction, dust and powder extraction. Features an integral, crushresistant, PVC helix and a flexible grey cover.

Temperature Range: -15°C to 65°C. **Standard Length:** 30 metre.

Construction: Lining: Grey PVC. **Cover:** Grey Convuluted PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Code
25	32	4	60	367	5363025
32	40	3.5	52	367	5363032
38	48	2.3	49	367	5363038
51	60	2.8	42	294	5363051
63	73	2.5	37	294	5363063
76	87	2.3	34	294	5363076
102	113.6	2	30	147	5363102

All pressure ratings quoted at ambient temperature.



8. Vac-Xtract PVC Flame Retardant Ducting

A lightweight and flexible PVC ducting, ideal for welding fume extraction. Available in variety of colours that are still visible in darker working areas, helping highlight potential trip hazards.

Tested to UL 94-V0 for flame retardancy – will not drop flame.

Temperature Range: -15°C to +65°C.

Construction: Lining: Smooth Yellow FR PVC. **Cover:** Yellow Convuluted FR PVC.

I.D. (mm)	O.D. (mm)	Working Pressure (bar)	(psi)	Vacuum (mm Hg)	Yellow	Red	Blue
51	59	1	14.5	405	5364051	5358051	5359051
76	86	1	14.5	294	5364076	To order	To order
102	114	1	14.5	294	5364102	5358102	5359102

All pressure ratings quoted at ambient temperature.

MASTER-CLIP fabric and polymer ductings

MASTER-CLIP fabric and polymer ductings mechanically locked, thereby giving the possibilities of combining many different types of materials to suit special application requirements. The outer helix of the ducting can be galvanised steel or stainless steel giving protection against abrasion. By nature of their construction, the ductings are extremely lightweight, flexible and compressible. Temperatures from -260° C to +1100°C can be accommodated across a wide diameter range from 50mm to 900mm.

The following are just some of the applications in which these ductings are used.

- Weld fume extraction.
- Air conditioning and ventilation.
- Extraction of engine exhaust gases in the motor vehicle, defence, aircraft and Shipbuilding industries.
- Ducting of hot air in iron and steel works.
- For the environment i.e. dust control, air quality and waste handling.
- Ducting of highly corrosive acids, alkalis and solvents in the chemical, paint, paper and pulp industries.





1. Smooth Bore Polyurethane Ducting Anti-Static

A highly flexible, polyurethane ducting with an external, crush-resistant, PVC outer. The smooth bore produces optimum flow and offers considerably longer life than PVC ducting due to the increased abrasion resistant properties of polyurethane. Suitable for use with foodstuffs as well as most chemicals, abrasive materials including grit, cement and gravel, sugar, grain, corn and abrasive foodstuffs.

Supplied with PU covered 9 strand copper wire for anti-static applications.

Temperature Range: -30°C to 80°C.

Standard Length: Up to 152mm - 20 metre. 203mm - 10 metre.

Construction: Lining: Smooth Food Grade Clear PU.

Cover: Food Grade Clear PU/ Hard Grey PVC Spiral.

I.D. (mm)	O.D. (mm)	Vacuum (mm Hg)	Bend Radius (mm)	Code
25	30.4	368	25	5388025
32	38	368	32	5388032
38	44.6	368	38	5388038
51	58	368	51	5388051
63	70.6	294	63	5388063
76	84.8	294	76	5388076
102	112.4	220	102	5388102
127	138.6	220	127	5388127
152	164.8	220	152	5388152
203	217	220	203	5388203

All pressure ratings quoted at ambient temperature.



2. PVC High Flexibility Ducting

Highly flexible PVC ducting with an integral crush-resistant PVC helix for maximum strength, flexibility and extremely durable with a smooth bore. Ideal for installations in confined areas. Ideal for dusts, fumes, air and light sawdust extraction.

Temperature Range: -15°C to +65°C.

Standard Length: 25mm to 102mm - 30 metre. 152mm - 20 metre 203mm to 254mm 10 metre.

Construction: Lining: Smooth Grey PVC. **Cover:** Dark Grey Convuluted PVC.

I.D. (mm)	O.D. (mm)	Vacuum (mm Hg)	Bend Radius (mm)	Code
25	30	370	25	5370025
32	38	370	32	5370032
38	45	370	38	5370038
51	58	370	51	5370051
63	71	290	63	5370063
76	85	290	76	5370076
89	98	220	89	5370089
102	112	220	102	5370102
127	138	220	127	5370127
152	164	220	152	5370152
203	217	220	203	5370203
254	268	220	254	5370254

All pressure ratings quoted at ambient temperature.



3. PVC Medium Weight Ducting Grey

Medium duty ducting grey, fully encapsulating a PVC coated spring steel wire helix. Offering extreme flexibility, durable and the cross section is maintained even when highly flexed.

Application: Suitable for handling air, dust, fumes and moderately abrasive materials e.g. sawdust.

Temperature Range: -15°C to +65°C.

Standard Length: 10 metre.

I.D. (mm)	Working Pressure (psi)	Vacuum (mm Hg)	Bend Radius (mm)	Code
51	19	147	29	3688051
63	15	73	35	3688063
76	12	73	41	3688076
89	10	73	48	3688089
102	8	73	54	3688102
150	4	75	152	2688152
178	4	75	178	3688178
203	3	67	200	3688203
254	2	60	250	3688254
305	2	45	300	3688305

All pressure ratings quoted at ambient temperature.



4. PVC Medium Weight Ducting Clear

Medium duty ducting grey, fully encapsulating a PVC coated spring steel wire helix. Offering extreme flexibility, durable and the cross section is maintained even when highly flexed.

Application: Suitable for handling air, dust, fumes and moderately abrasive materials e.g. sawdust.

Temperature Range: -15°C to +65°C.

Standard Length: 10 metre.

I.D. (mm)	Working Pressure (psi)	Vacuum (mm Hg)	Bend Radius (mm)	Code
25	22	146	13	3689025
32	20	146	16	3689032
38	18	146	19	3689038
45	16	73	23	3689045
51	16	73	26	3689051
64	12	73	32	3689064
76	9	73	38	3689076
102	6	73	51	3689102

All pressure ratings quoted at ambient temperature.



5. Wyrem Heavy Duty Ducting

Wyrem® is a flexible heavy duty ducting manufactured from double ply neoprene coated cotton complete with two spring steel helices. The inner helix is visible and the second one is trapped between the layers of cloth.

Application: Suitable for the extraction of air, fume, dust & powder in many general industrial applications.

Temperature Range: -20°C to +100°C. **Standard Length:** 6 metres

I.D. (mm)	Working Pressure (psi)	Vacuum (mm Hg)	Bend Radius (mm)	Code
32	5.08	300	63	3624032
38	5.08	300	65	3624038
51	5.08	263	71	3624051
63	5.08	225	77	3624063
76	5.08	225	84	3624076
80	5.08	188	87	3624080
90	5.08	188	93	3624090
102	5.08	150	100	3624102
110	5.08	150	106	3624110
127	5.08	75	119	3624127
152	5.08	75	139	3624152
203	5.08	38	189	3624203
254	5.08	38	250	3624254
304	5.08	38	319	3624305



6. PVC Light Weight Ducting Grey

Lightweight Grey Non-Insulated flexible air ducting manufactured from PVC canvas strip reinforced with high tension steel spring wire specifically produced for low and medium pressure heating, cooling, ventilation, air conditioning, exhaust and dust extraction. The Dimensions, tolerances and mechanical resistance are tested, Classified & certified according to EN13180 Standard.

Nominal Thickness: 250 Micron. Flame Retardant

Temperature Range: -30°C to +80°C. Air Velocity 30m/s. Available Lengths 6m & 10m

I.D. (mm)	Working Pressure (psi)	Vacuum (mm Hg)	Bend Radius (mm)	Code (6 metre)	Code (10 metre)
51	8.7	110	26	3600051	
77	7.2	88	38	3600076	
90	5.8	74	51	3600089	
102	3.2	63	51	3600102	3601102
128	2.9	33	64	3600127	3601127
152	2.2	18	76	3600152	3601152
160	2.0	15	80	3600160	3601160
178	1.9	13	89	3600178	3601178
203	1.2	4	101	3600203	3601203
229	1.0	4	114	3600229	3601229
254	0.7	4	127	3600254	3601254
305	0.5	3	152	3600305	3601305
357	0.4	3	178	3600356	3601356
408	0.3	2	203	3600406	3601406
459	0.2	1	229	3600457	3601457
510	0.2	1	254	3600508	3601508



7. PVC Flame Retardant Ducting Grey

Lightweight, extremely flexible PVC coated polyester fabric ducting. Reinforced with high tension steel spring wire. High vibration resistance and impermeable to UV rays.

Application: Transfer and extraction of air, fumes and light dust.

Temperature Range: -30°C to +80°C

Standard Length: 6 metre

I.D. (mm)	Working Pressure (psi)	Air Velocity (m/s)	Bend Radius (mm)	Code
38	0.5	30	19	36V3038
51	0.5	30	25	36V3051
102	0.5	30	51	36V3102
152	0.5	30	76	36V3152



8. Aluminum Light Weight Ducting

Lightweight Silver Non-Insulated ALU Flexible air ducting manufactured from multi-layer aluminium and polyester reinforced with high tension steel spring wire specifically produced for low and medium pressure heating, cooling, ventilation, air conditioning, exhaust and dust extraction. The Fire Resistance of ALU has been tested & Certified by various international bodies. In case of fire, no toxic or poisonous gases are released. The dimensions, tolerances and mechanical resistance of PVC are tested, classified & certified according to EN13180 Standard.

Nominal Thickness: 74 Micron. Flame Retardant.

Temperature Range: -30°C to +150°C.

Air Velocity: 30m/s. **Standard Length:** 10m.

* Insulated Ducting's available on request.

I.D. (mm)	Code	I.D. (mm)	Code
102	3650102	229	3650229
128	3650127	254	3650254
152	3650152	305	3650305
203	3650203	357	3650356

All pressure ratings quoted at ambient temperature.

Ducting



1. Ducting Clamp - Stepped Bridge

Special clamp for securing most types of ducting to mobile and stationary units.
Clip grip utilises worm drive with hexagon head screw
Clip grip QR with high speed snap fastener
Other sizes available to order.

Size	Worm Drive Fastening	QR Fastening
50mm	3640001	
75mm	3640002	
100mm	3640003	3650001
125mm	3640004	3650002
150mm	3640005	3650003
160mm	3640006	3650004
180mm	3640007	3650005
200mm	3640008	3650006



2. Ducting Connector

Galvanised steel hose connector for light and medium weight hose and ducting
Other sizes available to order.

Size	Code
51mm	3600000
75mm	3600001
100mm	3600002
125mm	3600003
150mm	3600004
160mm	3600005
180mm	3600006
200mm	3600007



3. Ducting Reducer

Galvanised steel ducting reducer.
For extending, connecting and attaching light or medium weight ducting.
Other sizes available to order.

Size	Code
100mm to 80mm	3610001
125mm to 100mm	3610002
150mm to 100mm	3610003
200mm to 100mm	3610004
200mm to 125mm	3610005
200mm to 150mm	3610006

Stitched Ducting

A wide range of ducting from economical PVC versions or silicone impregnated glass fabric for high performance non toxic and fully fire retardant applications, we can provide a bespoke solution.

Manufactured to order, these versatile ducting's can be tailed to best suit the application. We can fit connection rings for easily connecting multiple lengths together, flow direction arrows, scuff strips, wire free cuffs for easy clamping and hanging loops if suspension is needed.

Multiple materials can also be used together to create the best specification at a sensible cost.

A pitch to suit your application:

- Wide pitch, 150-250mm, gives a light weight and easily compressed finish – ideal for HVAC application
- Close pitch, 35-60mm, gives a strong ducting with good vacuum and crush resistant properties

Applications:

- Portable heating and air conditioning
- Over head ceiling mounted air distribution
- Conduction of hot air
- Fume and explosive fume extraction (anti-static material)

Available in different materials to best suit your application:

- PVC coated polyester fabric
- PVC coated nylon
- 1-ply silicone coated fibre glass (-80°C to +300°C)
- Ntoprene (-40°C to +130°C)
- 1-ply Hypalon coated polyester (-55°C to +180°C)



Frequently Asked Questions

Getting the correct solution for your application is paramount. To help us make sure we recommend the best hose for your job, please take some time to consider the following questions.

Size

- What is the inside diameter (I.D. or bore) of the hose/ducting?
- The outside diameter is also important for sizing clamps/clips.
- What is the length of the hose required?
- Is this the overall length including fittings?

Temperature

- What is the temperature of the product to be conveyed?
- What is the surrounding temperature of the application?
- Are there likely to be any cycles in temperature, if so what are the extremes?

Extreme cold can be just as damaging to hoses as extreme heat, so consider minus temperatures carefully on exposed and certain external applications.

Application

- What is the hose/ducting going to be used for – what is it going to do?
- Is the application dynamic or static?
- Will the hose be used in a vertical or horizontal position?
- Is the hose likely to be subject to external abrasion?
- Will there be any flexing?
- Is the hose going to be handled on a regular basis?
- Is the application internal or external?

Consider UV and ozone attack on hoses used and stored permanently outside.

- Will the hose be used continuously or for intermittent use only?

Media (Conveyant)

- What is going through the hose: liquid, gas or solid?
- If it's a chemical, what is the concentration?
- Is an MSDS sheet available?
- If it's a solid, what is the type and size of the product?
- Special requirements – does the hose need to be non-toxic?

Is the conveyant flammable or likely to create a static charge? If yes, consider anti-static or fully conductive assemblies.

Pressure

- Is the hose to be used on positive or negative (suction) pressure?
- What is the maximum working pressure of the application? – bar, psi, MPA.
- What is the maximum vacuum rating of the pump – mm/Hg, negative bar, ft/water?
- Will there be any surges of pressure or vacuum?

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For easy ordering please specify the following when ordering your hose or simply contact our dedicated Hose Division customer service team on **01482 383288** for further advice.

S Size – Hose diameter and length

T Operating Temperature

A Application – What the hose will be used for

M Material – What's going through the hose

P Pressure – Recommended ratings, positive pressure or vacuum

Couplings

- What will the hose be attached to in application?
- Are existing couplings suitable for the application?
- How are the fittings secured into the hose?

Testing and Certification

- What is the required test pressure?

The required test pressure is normally 1.5x working pressure, or 5x working pressure for steam hoses.

- How many hoses require testing? eg. 100% individual test or 1:10, 1:50 etc.
- What is the preferred method of identification?
- Are there any special requirements? Colour coding sleeves/heat shrink sleeves etc.
- Is there an existing hose register/hose identification number to follow?





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