

integralflex
INTEGRITY • FLEXIBILITY

**WATER & WASTE
MANAGEMENT
SOLUTIONS**

**HOSE ASSEMBLY
SOLUTIONS
COUPLINGS & FITTINGS
VALVES**

KA - 200 SEWER JETTING HOSE 780 X108 - 100.355.177

WASTE MANAGEMENT
WASTE MANAGEMENT

10 BAR (150 PSI)





SOLUTIONS FOR WASTE MANAGEMENT

We formed Integraflex in 2008 to offer local industry on Teesside;

- **The very best technical advice and customer service backed by decades of industry experience.**
- **Quality products on the shelf, available for a speedy response**
- **State of the art hose assembly techniques with safety and integrity at the heart of everything**
- **Full traceability on all industrial hoses including the best hose management system available**
- **Fair and consistent pricing to all customers.**



Our values are still the same now. We have moved a couple of times to accommodate growth, but always maintained a strong local presence in the North East. We employ local people and are intensely proud of our team, many of whom joined us as apprentices and now are recognised as the best in the Industry.

Integraflex has been on some journey from very humble beginnings, but fundamentally our core values are exactly as they were back when we started.



Integraflex is part of R&G Fluid Power and was one of the original three companies which

started the Group which now has 30 companies and a combined turnover of over £100m R&G offers unrivalled expertise, experience and product knowledge of fluid power products and systems for businesses.

R&G teams are passionate about delivering outstanding customer service, backed up by and supported by probably the largest stock-holding of fluid power products in the UK, meaning we can offer solutions and support where no others can.



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HOSE ASSEMBLIES

we make it look easy....

Manufacturing industrial hose assemblies to a consistently safe standard requires the correct technical equipment, skilled personnel and proven and documented processes.

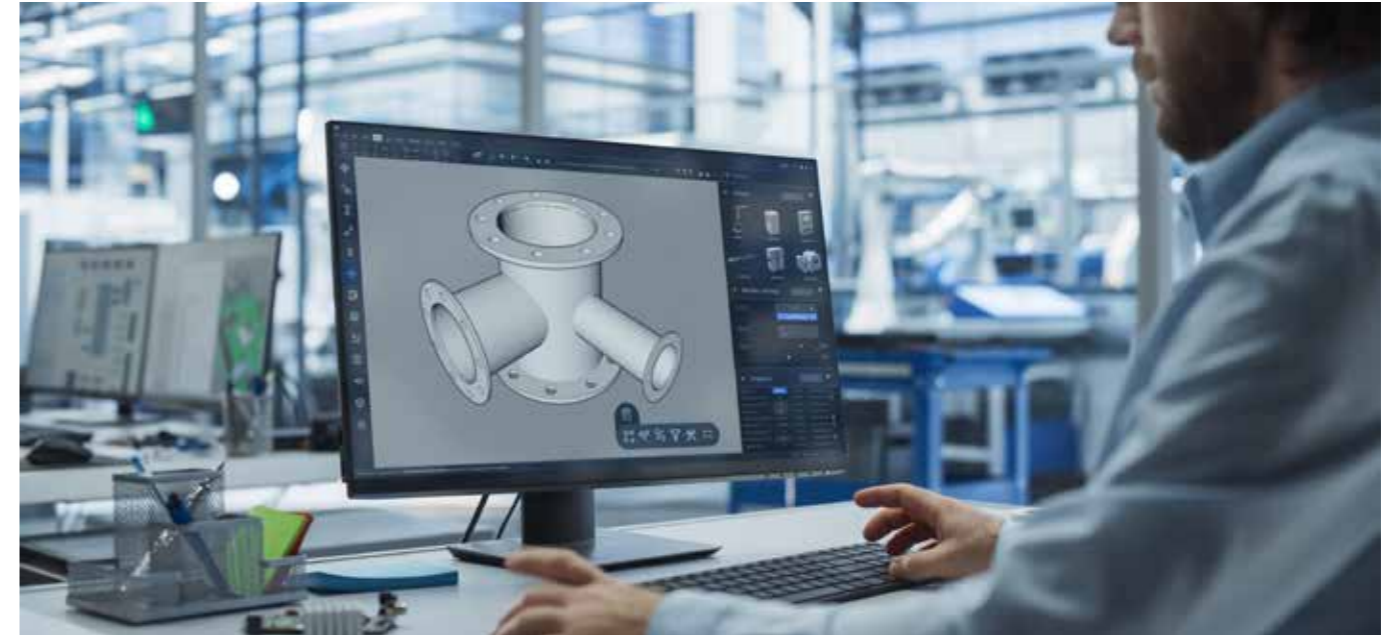


Hydraulic assemblies are generally manufactured under strict guidelines issued by the hose & coupling manufacturer, which is underpinned by BFPA approval and accreditation.

No such guidance is available on a lot of industrial hose assemblies and how the assembly is manufactured is left to the expertise of the hose assembly company.

With decades of experience at the forefront of industrial hose manufacture, R&G Fluid power can comfortably claim to lead the UK market in this field.

Assemblies are manufactured to our own Standard Operating Procedure (SOP) ensuring consistency and safety of finished product quality.



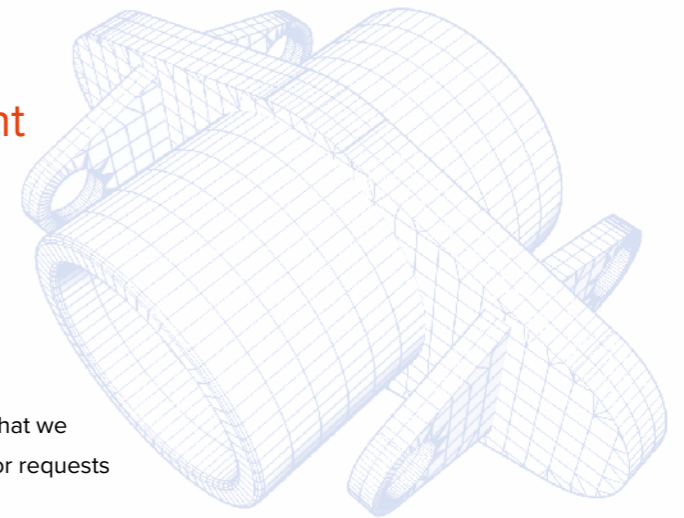
INNOVATION

In-House Research & Development

Our sales & product teams work continuously with our engineering departments to design and manufacture safe and innovative solutions to increasingly complex fluid transfer challenges. Many of the solutions we provide are exclusive to R&G Fluid and our clients. Because it doesn't exist, doesn't mean we can't make it.

Our product range of hoses is constantly evolving and all products that we introduce are a direct response to specific customer or market sector requests e.g. we need something with a better bend-radius, higher vacuum rating, or simply a different colour! Please discuss your specific requirements with the sales team.

“ Because it doesn't exist, doesn't mean we can't make it. ”





WELDING & Fabricated Solutions

Every working day we are designing and fabricating bespoke fittings, adaptors and manifolds to solve customer specific problems. From a simple flanged 'spool' adaptor to a complex manifold, we have the experience and technical capabilities to design and fabricate one-off solutions to the highest standard and deliver to site on-time.

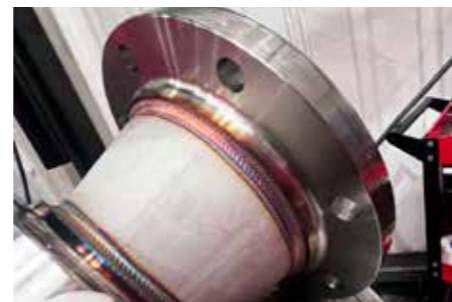
We operate under stringent industry standards & certifications, including:

- **ISO 9000-1 for quality assurance**
- **ISO 3834-2 for traceability and quality of welding**
- **BS EN ISO 14731:2019 for welding coordination**
- **ISO 128 and BS EN 8888 for drawing standards**

With certifications in welding qualifications, such as 9606-1 and ASME X1, our team ensures that every weld meets the highest standards of integrity and precision.



“ We have the experience and technical capabilities to design and fabricate one-off solutions to the highest standard ”



TESTING & Certification

Hydrostatic testing is increasingly popular across most industry sectors. By testing the products we can ensure that they are fit for purpose and safe to use in the correct application. On certain applications such as higher pressure (16bar >), hoses for chemicals or hydrocarbon use, sewer-jetting and steam hydrostatic testing is a mandatory R&G requirement. On lower pressures and certain commodity products, individual or batch testing is available at a modest cost on request. We recommend that any hoses used in critical/ potentially hazardous applications are tested and re-certified on an annual basis and we can offer this service

Test certificates can be sent with goods, emailed separately or accessed from one of our asset management portals – see next page.

We also offer electrical continuity testing and by special request Nitrogen leak testing.



HOSE IDENTIFICATION Tags, Engraving, Labels

There is no 'one size fits all' solution for hose identification, with clients often requiring a unique solution. We have developed a number of tagging solutions that include...



Polyolefin heat shrink
perfect for colour coding assemblies



ComplyPro – heavy duty PVC tags resistant to fading, abrasion, UV & hydrocarbons ensuring legibility is maintained until the re-test is due.



Engraving
suitable for stainless bands/ ferrules



Acid Etching
very popular for stainless hygienic fittings for permanent traceability.

Hose Assembly

ASSET MANAGEMENT

IMPROVING SAFETY & REDUCING DOWNTIME

We maintain numerous hose assembly registers for clients in various market sectors. Essentially we will work with your engineering and maintenance teams to identify hoses that require testing to ensure they are safe to use and fully traceable. We will arrange to collect your hoses in a manner that works for you or we can arrange to test at your premises and can deal with RAMS required to carry out the process.

Hoses will all undertake a fully visual inspection and report.

Typically we will look for

- **Current tag ID & information**
- **Integrity of the couplings & method of attachment.**
- **Damage to threads, spring mechanisms on couplings, scoring or gouging of any sealing faces on flanges.**
- **Any cracks of fractures on clamps, couplings or ferrules**
- **Excessive corrosion on fittings, ferrules, clamps & any external wires.**
- **Any cuts, blisters or gouges on the hose cover.**
- **Excessive UV/ozone damage leading to cracking & glazing & excess rigidity.**
- **Attack from chemicals, steam or hydrocarbons**
- **Any crushed parts or displaced inner wires.**

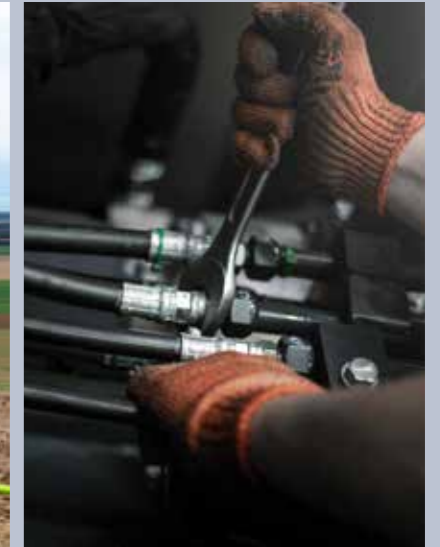
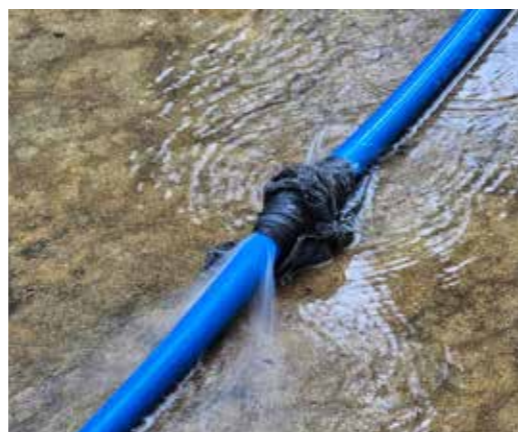
Any hoses that we identify as 'failed' will be supplied with a full technical report.

When the hose passes the visual inspection, it is hydrostatically tested to an agreed proof pressure and held at pressure typically for 3-5 minutes to ensure there are no leaks, drips or movement of fittings.

The final process is to tag and add the hose details to our Cloud-based asset register. This can be shared with clients by issuing log-in details and documents like pressure certificates can be downloaded direct from the portal.

Subsequent management of the hose inventory becomes easier as hoses that are out of test will flag up and can either be tested or withdrawn from service.

“ We work with your engineering and maintenance teams to identify hoses that require testing to ensure they are safe to use... ”



HYDRAULIC

Hose, Fittings & Assemblies

We supply a full range of TRALE Hydraulic Hose & Fittings Range. The TRALE range includes high performance hoses, fittings, ferrules, and adaptors - offering a complete, compatible solution for hydraulic applications. Every product in the range is built to rigorous international standards, ensuring exceptional pressure resistance, durability, and performance in the toughest environments.

Our stocked range includes 1SC and 2SC braided hoses, 4SP and 4SH multi-spiral hoses, 2SCK and 2SNK high pressure options and Superservice hot water hoses for jet wash and cleaning systems.

All TRALE® hoses are manufactured to EN and SAE standards, offering excellent resistance to oil, abrasion, and extreme temperatures. Supported by our extensive UK stock and technical expertise, we provide fast, dependable supply for every hydraulic application.

TrAle®

TrAle is a reputable brand within the hydraulic industry, with an extensive range of products for modern hydraulic systems.

Trale products are synonymous with quality, innovation, and customer satisfaction making it the ideal solution for any hydraulic system.





NEPTUNE 10 SUCTION & DELIVERY

10 BAR WATER SUCTION & DELIVERY

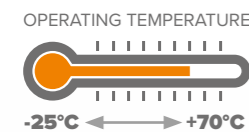
Order Ref: WSH-SIZE MM

Tube: Natural and synthetic rubber.

Reinforcement: High tensile synthetic textile and steel helix wire.

Cover: Abrasion & weather resistant synthetic rubber.

- ✓ Our Biggest Seller - Industry Standard
- ✓ Cost Effective Pump Hose
- ✓ We Stock > 12" Bore



inch	mm	INTERNAL DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
		mm	BAR	PSI	BAR	PSI	m.H ² O	mm	gr/m	m	
1	25	35	10	145	30	435	-0.92	95	673		30
1 1/4	32	42	10	145	30	435	-0.92	125	881		30
-	35	45	10	145	30	435	-0.92	135	967		30
1 1/2	38	48	10	145	30	435	-0.92	150	1119		30/40
2	51	62	10	145	30	435	-0.92	215	1684		20/30/40
-	60	71	10	145	30	435	-0.92	250	1856		6 / 30
2 1/2	64	75	10	145	30	435	-0.92	280	2129		6 / 30
3	76	88	10	145	30	435	-0.92	350	2698		6/30
-	80	95	10	145	30	435	-0.92	400	2950		40
4	102	115	10	145	30	435	-0.92	490	3825		6/30
5	127	144	10	145	30	435	-0.92	650	5998		30
6	152	170	10	116	30	348	-0.92	800	7600		3 / 6 / 30
8	203	222	10	145	30	435	-0.92	1120	12220		3 / 6 / 30
10	254	279	10	145	30	435	-0.92	1525	18450		3
12	305	329	10	145	30	435	-0.92	1950	24040		3



NEPTUNE 20 SUCTION & DELIVERY

20 BAR WATER SUCTION & DELIVERY

Order Ref: WSH-SIZE-20BAR-MM

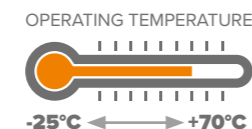
Tube: Natural and synthetic rubber.

Reinforcement: High tensile synthetic textile, steel wire helix.

Cover: Weather, ozone and abrasion resistant synthetic rubber.

Application: Water suction and discharge in industrial and construction services.

inch	mm	INTERNAL DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
		mm	BAR	PSI	BAR	PSI	BAR	mm	gr/m	m	
4	102	120	20	290	60	870	-0.8	600	5380		61
6	152	173	20	290	60	870	-0.8	900	8690		61
8	203	231	20	290	60	870	-0.8	1300	16040		20
10	254	285	20	290	60	870	-0.8	1650	20755		12
12	304	345	20	290	60	870	-0.8	2200	33290		12



- ✓ For Higher Pressures >20bar
- ✓ Normally Supplied With Flanged Ends

HOSE & HOSE ASSEMBLIES



NEPTUNE 125°C SUCTION & DELIVERY

HIGH TEMPERATURE WATER HOSE

Order Ref: HWH-SIZE-MM

Tube: EPDM conductive rubber.

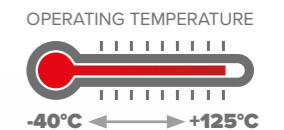
Reinforcement: High tensile synthetic textile and steel wire helix.

Cover: Abrasion, heat, ozone and weather resistant, smooth conductive EPDM rubber.

Specification: ISO 1307.

inch	mm	INTERNAL DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
		mm	BAR	PSI	BAR	PSI	BAR	mm	gr/m	m	
1	25	35	10	150	30	435	-0.92	95	590		61
2	51	62	10	150	30	435	-0.92	215	1360		61
3	76	88	10	150	30	435	-0.92	350	2270		61
4	102	116	10	150	30	435	-0.92	490	3380		61
6	150	168	10	150	30	435	-0.8	760	6090		30

- ✓ For chiller/ boiler applications
- ✓ Also suitable for dilute chemicals
- ✓ Can be made anti-static



NEPTUNE 10 DELIVERY EPDM

10 BAR WATER DELIVERY EPDM

Order Ref: WDH-SIZE MM

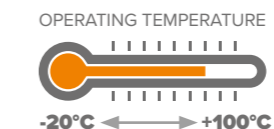
Tube: Black smooth EPDM rubber.

Reinforcement: High tensile synthetic textile plies.

Cover: Black EPDM smooth, weather and abrasion resistant rubber, fabric impression.

Application: For irrigation systems and submersible pumps and applications involving hot water.

inch	mm	INTERNAL DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		HOSE WEIGHT	COIL LENGTH
		mm	BAR	PSI	BAR	PSI	gr/m	m	
2	51	57	10	150	30	450	560	30	
3	76	83	10	150	30	450	970	30	
4	102	110	10	150	30	450	1500	30	
6	150	159	10	150	30	450	2300	30	
8	203	213	10	150	30	450	4100	30	



- ✓ High quality EPDM rubber layflat
- ✓ Used on temporary boiler applications
- ✓ Takes up less space
- ✓ Easier to deploy and coil up



HILCOFLEX

RUBBER COVERED MULTIPURPOSE HOSE

Order Ref: **HIL-SIZE-MM**

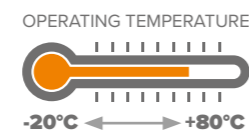
Tube: Smooth for minimum friction loss.

Reinforcement: High tenacity polyester warp and polyamide/polyester weft giving high tensile strength.

Cover: High grade formulation NBR/PVC compound extruded in one-step production process, ribbed for abrasion resistance.

- ✓ Super tough construction
- ✓ Withstands being run over
- ✓ High pressure > 16bar
- ✓ Long lengths available

INTERNAL DIAMETER		WALL THICKNESS	WORKING PRESSURE		MAX WORKING PRESSURE		BURSTING PRESSURE		BREAKING STRENGTH	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	BAR	PSI	KG	gr/m	m
2	52	2.5	16	230	20	290	50	725	3.9	400	100
2 1/2	65	2.5	16	230	20	290	50	725	4.3	540	100
3	76	2.9	16	230	20	290	50	725	6.5	650	100
4	102	3.3	16	230	20	290	50	725	9.5	1000	100
5	127	3.5	14	205	17	245	42	610	17	1400	100
6	152	3.7	14	205	17	245	42	610	17.9	1800	100
8	203	3.9	10	145	12	175	30	435	26.9	2600	100



YELLOW LAYFLAT

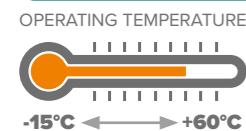
YELLOW LAYFLAT HOSE

Order Ref: **YLF-SIZE MM**

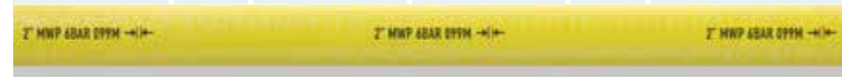
Tube: Yellow PVC.

Reinforcement: Polyester. **Cover:** Yellow PVC.

- ✓ Higher pressure than Blue Layflat
- ✓ Better visibility for preventing trips & falls
- ✓ Available in various coil lengths
- ✓ Competitive Price



INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	gr/m	m
3/4	20	22.6	6	90	18	270	120	100
1	25	27.4	6	90	12	180	150	100
1 1/4	32	34.4	6	90	12	180	170	100
1 1/2	38	40.2	6	90	12	180	190	100
2	51	53.2	6	90	12	180	220	25/50/100
2 1/2	63	65.2	6	90	12	180	300	100
3	76	78.2	6	90	12	180	360	25/50/100
4	102	104.4	6	90	12	180	530	25/50/100
6	153	154.7	6	90	9	135	850	25/50/100
8	203	206.6	6	90	9	135	1555	25/50/100



HOSE & HOSE ASSEMBLIES



BLUE LAYFLAT

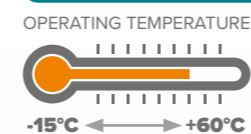
BLUE LAYFLAT HOSE

Order Ref: **BLF-SIZE MM**

Tube: Blue PVC.

Reinforcement: Polyester. **Cover:** Blue PVC.

- ✓ Good quality cost effective PVC
- ✓ Marked every 1m for cutting
- ✓ Available in various coil lengths



INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	gr/m	m
3/4	20	22.6	6	90	18	270	120	100
1	25	27.4	6	90	12	180	150	100
1 1/4	32	34.4	6	90	12	180	170	100
1 1/2	38	40.2	6	90	12	180	190	100
2	51	53.2	6	90	12	180	220	25/50/100
2 1/2	63	65.2	6	90	12	180	300	100
3	76	78.2	6	90	12	180	360	25/50/100
4	102	104.4	6	90	12	180	530	25/50/100
6	153	154.7	6	90	9	135	850	25/50/100
8	203	206.6	6	90	9	135	1555	25/50/100



MEDUSA

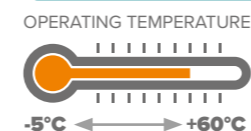
GREEN MEDIUM DUTY SUCTION & DELIVERY

Order Ref: **GMD-SIZE MM**

Reinforcement: Shock resistant PVC spiral.

Application: For medium duty suction and delivery of water, salt water, light chemicals, liquids in agricultural industrial applications and construction.

- ✓ Medium duty delivery hose
- ✓ Very competitive pricing
- ✓ For light industrial applications



INTERNAL DIAMETER		OUTER DIAMETER	BURSTING PRESSURE	VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	m.H ² O	mm	gr/m	m
1	25	32	22	8	105	300	10/20/30/50
1 1/4	32	39	20	8	125	390	10/20/30/50
1 1/2	38	46	18	8	155	520	10/20/30/50
2	51	60	13	7	225	800	6/10/20/30/50
2 1/2	63	73	12	7	285	1040	10/30
3	76	87	12	6	330	1380	6/10/20/30
3 1/2	90	101	11	6	420	1800	10/20/30
4	102	114	10	5	475	2220	6/10/20/30
5	127	141	10	4	630	3000	10/20/30
6	152	170	9	3	715	4400	6/10/20/30



MEDUSA SUPER ELASTIC

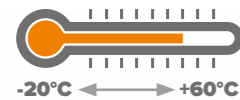
SUPER ELASTIC MEDIUM DUTY SUCTION & DELIVERY

Order Ref: **GSE-SIZE MM**

Reinforcement: Shock resistant PVC spiral.

- ✓ Super elastic compound = better flexibility and abrasion resistance
- ✓ Pronounced helix protects tube & prolongs life
- ✓ Easier to drag along the floor

OPERATING TEMPERATURE



INTERNAL DIAMETER	OUTER DIAMETER	BURSTING PRESSURE	VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH	
inch	mm	BAR	m.H ² O	mm	gr/m	m	
1	25	34	18	9	115	480	10/30
1 1/4	32	41	15	9	130	580	10/30
1 1/2	38	47	14	9	140	670	10/30
2	51	61	13	9	200	975	10/30
2 1/2	63	75	12	9	275	1350	10/30
3	76	90	10	9	310	1700	10/30
4	102	116	8	8	410	2600	10/30
5	127	143	7	7	520	3650	10/30
6	152	170	7	7	610	5100	10/30
8	203	221	4	6	815	7850	6/20



HI VIS MEDUSA SE

HI VIS SUPERELASTIC MEDIUM DUTY SUCTION & DELIVERY HOSE

Order Ref: **GSE-SIZE-HV**

Tube: Strong, flexible and smooth special superelastic material.

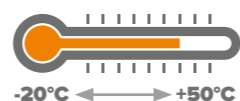
Reinforcement: Shock resistant PVC spiral.

Cover: Smooth outer cover, crushing, chemical agents, abrasion and weather resistant light corrugated outside.

INTERNAL DIAMETER	BURSTING PRESSURE	VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH		
inch	mm	BAR	PSI	m.H ² O	mm	gr/m	m
2	51	15	218	9	210	975	30
3	76	12	174	9	325	1700	30
4	102	10	145	8	430	2600	30
6	152	9	131	7	640	5100	30

- ✓ High-Viz black & yellow construction supports a safer working environment.
- ✓ Super elastic compound = better flexibility and abrasion resistance
- ✓ Pronounced helix protects tube and prolongs life
- ✓ Easier to drag along the floor & visible on the floor

OPERATING TEMPERATURE



GEMINI-SE

SUPERFLEXIBLE WASTE TANKER SUCTION

Order Ref: **GEM-SIZE**

Construction: Superelastic PVC with extruded red stripe, supported with an anti-shock PVC spiral. Smooth internal bore and low profile helix. Excellent low temperature flexibility over standard PVC compounds. Strong & very flexible for ease of handling.

- ✓ Similar to Sewerflex but a distinctive blue/red colour
- ✓ Very flexible and easy to handle
- ✓ Works well on tanker hose trays due to smooth outer cover
- ✓ Lightweight and reduces operator fatigue

INTERNAL DIAMETER	OUTER DIAMETER	WORKING PRESSURE	BURSTING PRESSURE	BEND RADIUS	VACUUM	HOSE WEIGHT	COIL LENGTH	
inch	mm	mm	BAR	BAR	mm	m.H ² O	gr/m	m
1	25	33	6	18	100	10	410	10/30
1 1/4	32	40	6	18	130	10	590	10/30
1 1/2	38	47	5	15	160	10	690	10/30
2	52	61	3	9	200	9	850	10/30
2 1/2	63	73	3	9	260	8.5	1200	10/30
3	76	87	3	9	310	8	1500	10/30
4	102	115	2	6	410	7.5	2550	10/30
5	127	142	2	6	510	7	3400	10/30
6	152	168	2	6	610	7	4390	10/30



MEDUSA SEWERFLEX

SUPER ELASTIC MEDIUM DUTY SUCTION & DISCHARGE HOSE -40°C

Order Ref: **GSE-SF-76 GSE-SF-102**

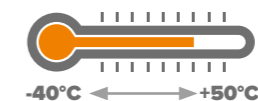
Cover: PVC with super elastic feature. Shock resistant with corrugated helix on exterior. Resistant to cracking.

Application: Suitable for use as a reel hose on vacuum tankers/jetties. For use in especially cold climates. For suction and discharge of salty and sludgy water. For use with light chemicals in industries, construction and sewer cleaning.

Specification: ISO 1307

INTERNAL DIAMETER	VACUUM	BEND RADIUS	WORKING PRESSURE	BURSTING PRESSURE	HOSE WEIGHT	COIL LENGTH	
inch	mm	m.H ² O	mm	BAR	BAR	gr/m	m
3	76	8	255	2	9	1500	30
4	102	7	335	2	6	2300	30

OPERATING TEMPERATURE



- ✓ Our most flexible PVC suction hose
- ✓ Stays flexible at sub-zero temperatures
- ✓ Easy to route and handle



HERAKLES

GREY HEAVY DUTY SUCTION & DELIVERY

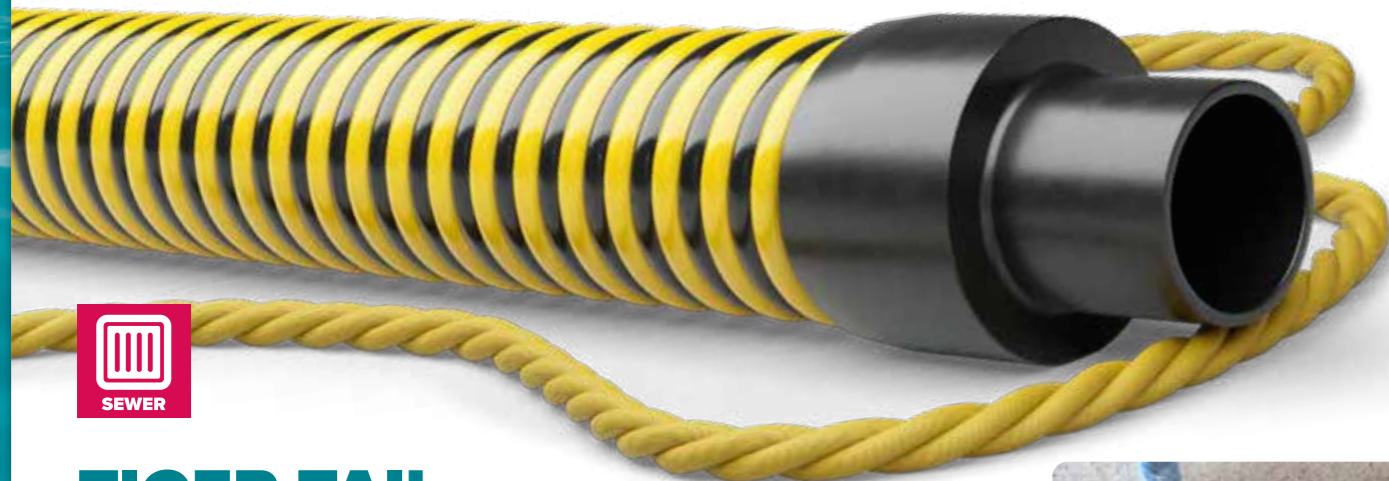
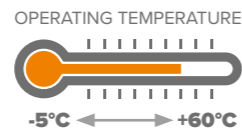
Order Ref: **GHD-SIZE MM**

Reinforcement: Shock resistant PVC spiral.

Application: For heavy duty suction and delivery of salt water, water, light chemicals, liquids, in agricultural, industrial applications and construction.

- ✓ Traditional heavy wall PVC suction and delivery hose
- ✓ Will not kink
- ✓ Excellent vacuum rating
- ✓ Good for abrasive materials

INTERNAL DIAMETER		OUTER DIAMETER	BURSTING PRESSURE	VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	m.H ² O	mm	gr/m	m
2	51	62	25	9	300	1150	30
3	76	90	20	9	450	1950	30
4	102	117	15	9	630	3250	30
6	152	171	12	7	1100	6100	30



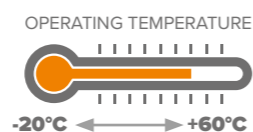
TIGER TAIL HOSE PROTECTORS

TIGER TAIL HOSE PROTECTORS

Order Ref: **TTH-51-0.90 TTH-76-0.90**

Application: Tiger Tail Hose guides are a simple and cost effective solution for extending the life of expensive jetting hoses by reducing or eliminating wear as the high pressure hose enters a pipe or drain.

Specification: 2" or 3" Bore x 900mm complete with 6 mtr of rope for use with jetting hoses 1/2" to 1 1/4".



HOSE & HOSE ASSEMBLIES



BOSPHORUS

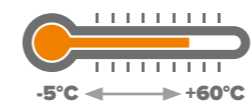
NON-TOXIC STEEL SPIRAL PVC

Order Ref: **BWR-SIZE MM**

Reinforcement: Galvanised steel wire helix.

Application: For suction and delivery of water, mineral water, fruit juices, liquids.

OPERATING TEMPERATURE



INTERNAL DIAMETER		OUTER DIAMETER	BURSTING PRESSURE	VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	m.H ² O	mm	gr/m	m
3/8	10	16	21	9	20	160	10/30
1/2	12	18	21	9	25	180	10/30
5/8	16	22	18	9	35	225	10/30
3/4	19	26	15	9	45	330	10/30
1	25	35	15	9	60	510	10/30
1 1/4	32	40	13	9	75	650	10/30
1 1/2	38	47	12	9	90	800	10/30
-	40	49	9	9	95	870	10/30
1/34	45	55	9	8	105	1100	10/30
2	51	61	9	8	125	1200	10/30
2 3/8	60	72	7	7	135	1800	10/30
2 1/2	63	76	7	7	150	1950	10/30
3	76	90	6	7	195	2500	10/30
4	102	116	6	6	300	3400	10/30
6	152	166	6	6	460	6350	10/20



TIGER TAIL

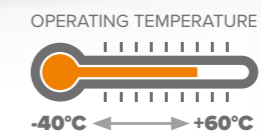
EFFLUENT HOSE

Order Ref: **TTH-51-15**

Tube: Heavy walled sanitation hose. Eva/polyethylene co-polymer unique interlock construction provides for extreme flexibility and kink resistance. Smooth interior for optimum flow and unique crush resistance. An external rib prevents damage from abrasion.

Cover: Yellow and black stripe.

Application: Used to transfer liquids/effluent for sanitation and cesspool purposes.





100%
PRESSURE
TESTED



KUKA 200 RED THERMOPLASTIC

KUKA THERMOPLASTIC SEWER JETTING HOSE 200 BAR

Order Ref: **SJH-SIZE-MM**

Tube: Special PE compound.

Reinforcement: High tensile synthetic textile.

Cover: Abrasion & weather resistant TPU compound.

Application: For high pressure water cleaning and rinsing of sewage systems.

Specification: ISO 1307

inch	INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
	mm	mm	BAR	PSI	BAR	PSI	mm	gr/m	m		
1/2	12.7	20.6	200	2900	500	7250	100	230	50, 100		
3/4	19.2	29.6	200	2900	500	7250	220	425	50, 100		
1	25.4	38	200	2900	500	7250	300	610	50, 100, 120, 150		
1 1/4	32	48.5	200	2900	500	7250	350	1140	50, 100, 120, 150		

OPERATING TEMPERATURE



-20°C ← → +60°C

Other coil lengths available please ask our sales office.

All assemblies are pre pressure tested & supplied c/w male female BSP fittings



100%
PRESSURE
TESTED



KUKA 200 YELLOW THERMOPLASTIC

KUKA THERMOPLASTIC SEWER JETTING HOSE 200 BAR

Order Ref: **SJH-SIZE-YELLOW**

Tube: Special PE compound.

Reinforcement: High tensile synthetic textile.

Cover: Abrasion & weather resistant TPU compound.

Application: For high pressure water cleaning and rinsing of sewage systems.

Specification: ISO 1307

inch	INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
	mm	mm	BAR	PSI	BAR	PSI	mm	gr/m	m		
3/4	19.2	29.6	200	2900	500	7250	220	425	50, 100		
1	25.4	38	200	2900	500	7250	300	610	30, 100, 120,		

OPERATING TEMPERATURE



-20°C ← → +60°C

Other coil lengths available please ask our sales office.

All assemblies are pre pressure tested & supplied c/w male female BSP fittings



100%
PRESSURE
TESTED



KUKA 250 RUBBER

RUBBER SEWER JETTING HOSE 250 BAR

Order Ref: **KUK-SIZE-MM**

Tube: Special synthetic rubber.

Reinforcement: High tensile synthetic textile.

Cover: Abrasion, oil and weather resistant smooth, special synthetic rubber.

Application: For high pressure water cleaning and rinsing of sewage systems.

Specification: ISO 1307

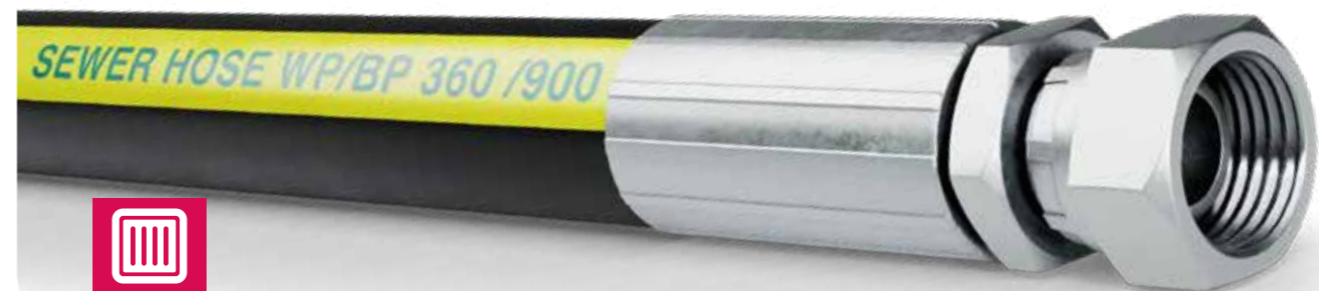
inch	INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
	mm	mm	BAR	PSI	BAR	PSI	mm	gr/m	m		
1/2	13	25	250	3625	625	9063	65	440	100		
3/4	19	32	250	3625	625	9063	90	555	100		
1	25	39	250	3625	625	9063	100	780	100, 120, 150		
1 1/4	32	48	250	3625	625	9063	130	1060	100, 120, 150		
1 1/2	38	54	250	3625	625	9063	150	1250	TBA		

OPERATING TEMPERATURE



-40°C ← → +70°C

All assemblies are pre pressure tested & supplied c/w male female BSP fittings



KUKA 200 YELLOW THERMOPLASTIC

KUKA LIGHT - 1 WIRE SMOOTH COVER

Order Ref: **KUKA-SWB-13**

Features: Lightweight, very flexible with a special low friction smooth cover

Tube: Special synthetic rubber.

Reinforcement: 1 High tensile steel wire braid.

Cover: Abrasion, oil and weather resistant smooth, special synthetic rubber.

Application: For high pressure water cleaning and rinsing of sewage systems.

inch	INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
	mm	mm	BAR	PSI	BAR	PSI	mm	gr/m	m		
1/2	13	20.7	360	5221	900	13053	50	420	50, 80 & 100		

OPERATING TEMPERATURE



-40°C ← → +70°C

Note: Assemblies with M/F BSP fittings



DRAIN JET PRO

2 WIRE SEWER JETTING DRAIN CLEANING HOSE
C/W MALE / FEMALE FITTINGS

Order Ref: 2SN-1/2 X LENGTH ASSY

Tube: Special synthetic rubber.

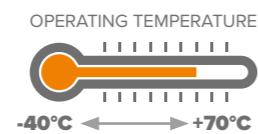
Reinforcement: Two high tensile steel wire braids.

Cover: Abrasion, oil and weather resistant smooth, special synthetic rubber.

Application: For high pressure water cleaning and rinsing of sewage systems.

Specification: DIN 20022 (EN 853 2SN)

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	mm	gr/m	m	
1/2	12.7	23.2	440	6381	1100	15950	180	650	50 / 60/ 90 / 100	



LEADER JET PRO

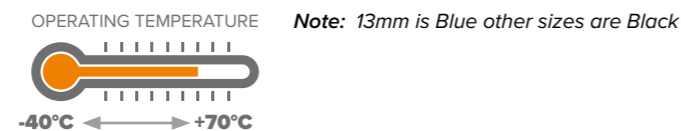
SAFETY LEADER HOSE

Order Ref:
LEAD-SIZE MM - LENGTH - BLUE / BLACK

Cover: Wire braided hose - fitted with male BSP at one end to connect to main hose and BSP swivel female at other end to connect to jetting nozzle.

Application: For construction sites, agriculture, mining, water transfer and compressed air. For irrigation, lightweight sewer cleaning and cable cover protection.

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	mm	gr/m	m	
1/2	13	22	440	6380	1100	15950	180	620	3 / 5	
3/4	19	29	340	4930	850	12325	240	923	3 / 5	
1	25	38	260	3770	650	9425	300	1377	3 / 5	
1 1/4	32	48	200	2900	500	7259	420	2035	3 / 5	



FLEXIBLE METALLIC ASSEMBLIES

We manufacture stainless steel flexible hose assemblies from 1/4" nb up to 6" nb using the best quality products available.

We specialise in offering an emergency breakdown service with a quick turnaround but can also produce large quantity orders for shutdowns/ engineering projects.

HOSE PROTECTION

For added protection to your stainless steel assemblies we can provide the following covers.



FIRE SLEEVE

Inner glass fibre braided sleeve coated with a red oxide silicone rubber outer. Resists molten splash up to 1650 °C.



SPRING GUARD

Stainless steel spring guard offered with an open or closed pitch. Used to protect hoses from external abrasion and damage.



STRIPWOUND TUBING

Stainless steel stripwound tube can be placed over our hose assemblies as added protection against kinking and also abrasion.



METALLIC HOSE FITTINGS



BSP Cone Seat & Flat Face Female, BSPT & BSPP Males

also barrel males. Other threaded connections available including JIC, metric etc.



Camlock Male & Female

Camlock male & female ends.



Slip-On & Weld Neck Flanges

Including ASA150, ASA300, PN16 and Table E in both stainless and mild steel



Hygienic Fittings

Including Tri-clamp, RJT, DIN, SMS & IDF. All assemblies with hygienic end fittings purged with Argon for a cleaner weld.



Other Fittings

In addition to the usual straight end fittings we can also supply jump size fittings and 90° / 45° elbows.

FIRE LAYFLAT TYPE 3

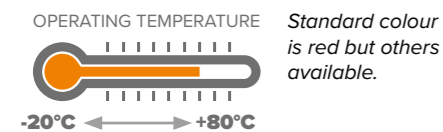
LAYFLAT FIRE FIGHTING HOSE TYPE 3

Order Ref: FH3-20-LA

Cover: Rubberised lining and cover - very high grade nbr/pvc rubber compound. Additives in the compound give o/s resistance to ageing & ozone.

Application: Refineries, chemical works, military, airport fire services, industrial and municipal fire brigades.

Specification: Complies with BS6391:2009. Supplied complete with Light Alloy Instantaneous Couplings wired in.



INTERNAL DIAMETER		WALL THICKNESS	WORKING PRESSURE		BURSTING PRESSURE		HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	gr/m	m
2½	63.5	2.6	16	230	50	725	570	20

FIRE LAYFLAT TYPE 2

LAYFLAT FIRE FIGHTING HOSE TYPE 2

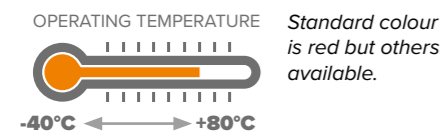
Order Ref: FH2-20-LA

Tube: High grade EPDM rubber - flexible at low pressure & suitable for hot water. Good resistance - sea water, chemicals, ozone.

Cover: Highly abrasion resistant coating for resistance to heat, oil and chemicals. PU coated cover offers much better resistance to abrasion than uncoated version

Application: Fire brigades, industry, military and construction.

Specification: Supplied complete with Light Alloy Instantaneous Couplings wired in.



INTERNAL DIAMETER		WALL THICKNESS	WORKING PRESSURE		BURSTING PRESSURE		HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	gr/m	m
2½	63.5	2.6	16	230	50	725	570	20

UNCOATED FIRE LAYFLAT TYPE 1

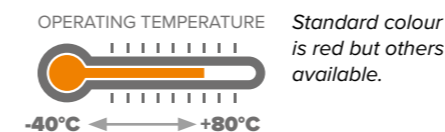
LAYFLAT FIRE FIGHTING HOSE TYPE 1

Order Ref: FH120-LA

Cover: High tenacity polyester yarn, 2 ply warp threads, heavy duty construction for abrasion resistance. High grade EPDM rubber lining with excellent resistance to foaming agents and a range of chemicals.

Application: Fire brigade, industry, military, construction and agriculture.

Specification: Supplied complete with Light Alloy Instantaneous Couplings wired in.



INTERNAL DIAMETER		WALL THICKNESS	WORKING PRESSURE		BURSTING PRESSURE		HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	gr/m	m
2½	63.5	1.7	16	230	50	725	310	20

POTABLE WATER LAYFLAT

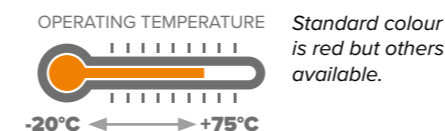
POTABLE PU LAYFLAT HOSE

Order Ref: PWL-SIZE MM

Cover: High tenacity polyester yarn totally embedded in PU offering optimum protection against mechanical damage. No opportunity for microbe or bacteria damage. Special potable PU - highly abrasion resistant. Very smooth inner for minimum pressure loss & easy to clean/disinfect.

Application: Municipal wash - water authorities - potable water supply.

Specification: KTW & DVGW approval.



INTERNAL DIAMETER		WALL THICKNESS	WORKING PRESSURE		BURSTING PRESSURE	HOSE WEIGHT	BREAKING STRENGTH	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	gr/m	KG	m
1	25	1,60	16/230		50/725	160	1.200	100
1½	38	1,80	16/230		50/725	280	1.700	100
1¾	45	1,80	16/230		50/725	330	3.000	100
2	52	2,00	16/230		50/725	500	3.700	100
2½	65	2,00	16/230		50/725	650	4.300	100
3	76	2,50	16/230		50/725	750	6.500	100
4	102	2,80	14/205		42/610	1150	9.500	100
5	127	2,80	10/145		30/435	1400	12.000	100
6	152	2,80	10/145		30/435	1650	15.000	100
8	203	3,00	8/115		24/350	2200	18.500	100
10	254	3,20	7/100		21/305	2850	23.500	100



TEXAS 10 S&D

10 BAR OIL SUCTION AND DELIVERY

Order Ref: OSH-SIZE MM

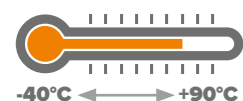
Tube: Oil and petrol resistant, conductive synthetic nitrile black rubber.

Reinforcement: High tensile synthetic textile, steel wire helix and anti-static copper wire.

Cover: Oil, weather, ozone, abrasion and sea water resistant, special synthetic rubber.

- ✓ Resistant to most oils & hydrocarbons
- ✓ Assemblies are made to be fully conductive
- ✓ Cost effective and very durable.

OPERATING TEMPERATURE



INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	BAR	mm	gr/m	m	
3/4	19	30	10	145	30	450	-0.92	90	600	10/20	
1	25.4	35	10	145	30	450	-0.92	110	650	10/20	
1 1/4	32	42	10	145	30	450	-0.92	140	835	10/20	
1 1/2	38	48	10	145	30	450	-0.92	170	1050	10/20	
1 3/4	44.5	55	10	145	30	450	-0.92	210	1290	10	
2	50.8	61	10	145	30	450	-0.92	250	1495	10/20/61	
2 1/4	57	69	10	145	30	450	-0.92	275	1885	10	
2 3/8	60	72	10	145	30	450	-0.92	295	1990	10	
2 1/2	63.5	74	10	145	30	450	-0.92	310	2010	10	
3	76.2	87	10	145	30	450	-0.92	380	2337	10	
3 1/2	90	102	10	145	30	450	-0.92	450	2940	10	
4	101.6	115	10	145	30	450	-0.92	510	3440	10/20/30	
4 1/2	115	132	10	145	30	450	-0.92	475	5100	10/20/40	
5	127	145	10	145	30	450	-0.92	650	6195	10	



TEXAS 20 S&D

20 BAR OIL SUCTION & DELIVERY HOSE

Order Ref: OSH-SIZE-20 BAR

Tube: NBR, black, smooth, electrically conductive.

Reinforcement: Textile wrapped, zinc plated steel wire helix, 2 crossed copper wires.

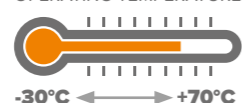
Cover: SBR/EPDM black, abrasion resistant, ozone resistant, oil resistant.

Application: For suction & delivery in oil related applications with an aromatic content of max 50% suitable for industrial oils, diesel oils, fuel oils and mineral oil-based hydraulic oils.

Specification: SAE J517

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	BAR	BAR	BAR	mm	gr/m	m		
2	51	65	20	60	-0.92	265	2035	30			
3	76	92	20	60	-0.92	400	3385	30			
4	102	119	20	60	-0.92	535	4490	30			
6	152	176	20	60	-0.92	840	9220	30			
8	203	235	20	60	-0.92	1020	16935	30			

OPERATING TEMPERATURE



- ✓ Suitable for higher pressures >20bar
- ✓ Normally supplied with Interlocking flanges & ferrules
- ✓ Assemblies are made to be fully conductive



TEXAS 10 FLEXI

10 BAR CORRUGATED SUCTION & DELIVERY HOSE

Order Ref: COS-SIZE-MM

Tube: Oil and petrol resistant black NBR.

Reinforcement: High tensile synthetic textile steel wire helix and antistatic copper wire.

Cover: Oil, weather, ozone abrasion and sea water resistant, corrugated special synthetic rubber.

Application: For suction and discharge of petroleum products with aromatic content up to 50%.

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		HOSE WEIGHT	BEND RADIUS	VACUUM	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	gr/m	mm	BAR	m	
1 1/4	32	42	10	145	30	435	826	120	-0.92	40	
1 1/2	38	48	10	145	30	435	965	140	-0.92	40	
2	51	63	10	145	30	435	1697	190	-0.92	40	

OPERATING TEMPERATURE



- ✓ Corrugated cover makes this extra flexible and easier to handle
- ✓ Resistant to most oils & hydrocarbons
- ✓ Assemblies are made to be fully conductive



PARION

PARION SUPERFLEX OIL SUCTION

Order Ref: PAR-SIZE-MM

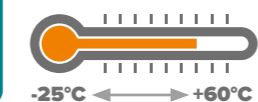
Tube: Thermo plastic PVC with nitrile rubber compound.

Reinforcement: Galvanised steel wire & polyester yarn.

Cover: PVC / NBR blend.

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	BAR	BAR	BAR	mm	gr/m	m		
3/4	19	28	14	42	8	40	450	30			
1	25	35.5	14	42	9	80	670	30			
1 1/4	32	42.5	14	42	9	100	800	30			
1 1/2	38	51	12	36	9	125	1150	30			
2	50	64	10	30	9	150	1730	30			

OPERATING TEMPERATURE



- ✓ A hybrid product with the best attributes of PVC & Rubber combined.
- ✓ Lighter & more flexible than rubber
- ✓ Better low temperature flexibility than PVC
- ✓ Super flexible
- ✓ Assemblies are made to be fully conductive



TEXAS 10 DELIVERY

OIL DELIVERY 10 BAR
Order Ref: ODH-SIZE MM

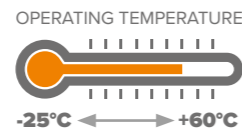
Tube: Oil and petrol resistant, conductive synthetic nitrile black rubber.

Reinforcement: High tensile synthetic textile and antistatic copper wire.

Cover: Abrasion, ozone, weather, heat and oil resistant special synthetic rubber.

Application: For delivery services of gasoline, diesel and fuel-oil with aromatic content up to 40%.

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	mm	gr/m	m	
1	25	34	10	145	30	435	254	513	40	
1 1/4	32	41	10	145	30	435	320	643	40	
1 1/2	38	51	10	145	30	435	380	1164	40	
2	51	64	10	145	30	435	510	1549	40	



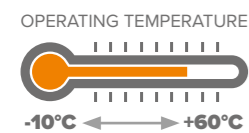
PEGASUS

BLUE PVC OIL SUCTION & DELIVERY

Order Ref: BMD-SIZE MM

Reinforcement: Shock resistant PVC spiral.

- ✓ Corrugated cover makes this extra flexible and easier to handle
- ✓ Resistant to most oils & hydrocarbons
- ✓ Assemblies are made to be fully conductive



INTERNAL DIAMETER		OUTER DIAMETER		BURSTING PRESSURE	VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	m.H ² O	mm	gr/m	m	
3/4	19	26	35	9	100	360	10/30	
1	25	32	26	9	120	480	10/30	
1 1/4	32	39	22	9	150	580	10/30	
1 1/2	38	46	22	9	175	670	10/30	
2	51	60	20	9	235	975	10/30	
2 1/2	63	73	18	9	300	1350	10/30	
3	76	87	16	9	355	1700	10/30	
4	102	114	12	8	475	2600	10/30	
6	152	170	9	7	780	5100	10/30	

Other colours available on request.

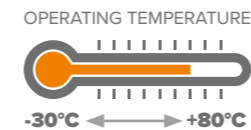


OIL & HYDROCARBON HOSE GG (EN13765:2010)

Order Ref: WSH-SIZE MM

Construction: CH&F oil is manufactured from polypropylene fabrics and films, in addition they have a weather proof abrasion resistant blue outer cover reinforced with galvanised internal and external wires.

Application: CH&F oil hoses are designed for suction and discharge of leaded & unleaded petrol, diesel lubricating oils, fuel oils & hydrocarbons with 100% aromatic content.



INTERNAL DIAMETER		WORKING PRESSURE		BEND RADIUS		HOSE WEIGHT
mm	inch	BAR	PSI	inch	mm	kg/m
1	25	10.5	150	4	100	0.8
1 1/2	38	10.5	150	5	125	1.1
2	50	10.5	150	6	150	1.6
2 1/2	65	10.5	150	7	180	2.1
3	75	10.5	150	8	205	2.5
4	102	10.5	150	10.5	265	3.6



SHIP TO SHORE RANGE

Order Ref: WSH-SIZE-20BAR-MM

Construction: Ship to shore hoses with polypropylene construction are resistant to a wide range of fuels and solvents. Pressure safety factor 5:1 For applications of a more corrosive, acidic and searching solvent nature, ship to shore is available with a P.T.F.E lining and polypropylene covered or stainless steel inner wires.

• Manufactured to meet BS 5842 1980 (BS EN 13765:2003) US coastguard IMO standards.

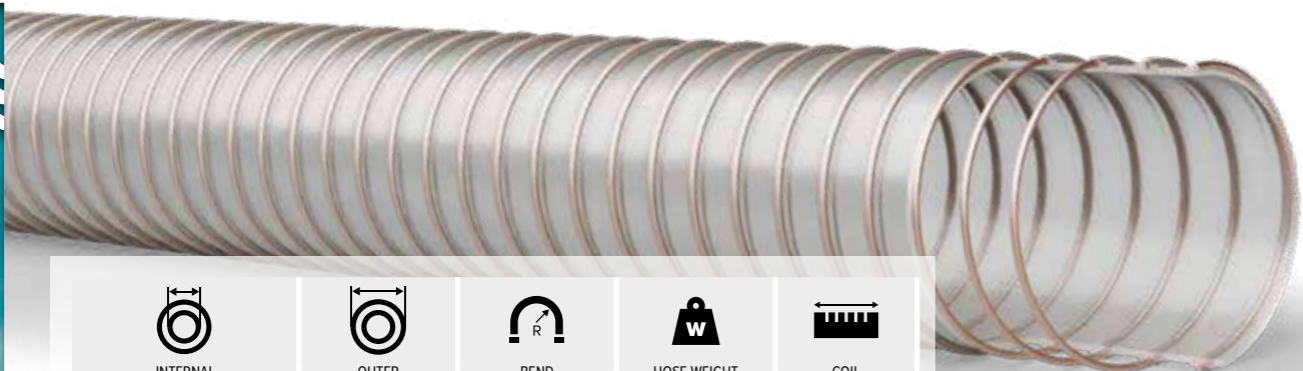
• A wide range of factory fitted end fittings are available for this product range. These fittings feature a helical swaging tail ensuring electrical continuity is achieved across the length of the hose assembly.

• Maximum manufactured length 25 mtrs 4"NB 20 Mtrs 6" NB, 8" NB, 15 mtrs 10"NB.

Application: Designed specifically for the transfer of bulk chemical and petroleum products and in particular for dockside and ship use.

Temperature range: Polypropylene -30°C to + 80°C
P.T.F.E -30°C to + 100°C

INTERNAL DIAMETER		WORKING PRESSURE		BEND RADIUS		HOSE WEIGHT
mm	inch	BAR	PSI	inch	mm	kg/m
102	4	14	200	16"	406	6.7
150	6	14	200	22"	559	10.7
200	8	14	200	30"	762	16.4
250	10	10.5	150	38"	965	22.3



INTERNAL DIAMETER		OUTER DIAMETER		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	mm	mm	gr/m	m
1 1/2	40	48	48	48	400	10
2	50	58	58	58	450	10
-	55	63	63	63	510	10
2 3/8	60	68	68	68	530	10
2 1/2	65	73	73	73	640	10
2 3/4	70	78	78	78	680	10
3	75	84	84	84	720	10
-	80	88	88	88	760	10
-	90	99	99	99	880	10
4	100	110	110	110	950	10
-	110	119	119	119	1030	10
-	115	124	124	124	1060	10
-	120	135	135	135	1120	10
-	125	135	135	135	1180	10
-	130	139	139	139	1200	10
-	140	149	149	149	1380	10
6	150	161	161	161	1480	10
-	160	170	170	170	1740	10
-	180	190	190	190	1900	10
8	200	214	214	214	2300	10
-	250	260	260	260	3020	10
-	300	310	310	310	3200	10

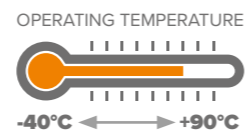
PUREFLEX MEDIUM

PUREFLEX MEDIUM FLEXIBLE DUCTING

Order Ref: **PUR-MD-SIZE**

Tube: Polyester - 0.7mm polyurethane wall encapsulating a spring steel wire helix, abrasion resistant highly flexible.

Application: Suction and transportation of air, dust and fumes, conveyance of light abrasive solids in a wide range of industries.



INTERNAL DIAMETER		OUTER DIAMETER		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	mm	mm	gr/m	m
1 1/2	40	49	72	490	10	
2	50	61	87	710	10	
-	55	65	91	770	10	
-	60	70	102	840	10	
2 1/2	65	75	112	910	10	
-	70	80	117	970	10	
-	75	87	126	1060	10	
3	80	91	132	1110	10	
-	90	101	149	1250	10	
4	100	112	165	1480	10	
-	110	121	179	1610	10	
-	115	126	186	1680	10	
-	120	131	194	1750	10	
-	125	138	203	1910	10	
-	130	141	209	1960	10	
-	140	151	224	2110	10	
-	150	163	242	2290	10	
6	160	171	255	2510	10	
-	180	191	285	2820	10	
8	200	215	321	3300	10	
-	250	263	390	3840	10	
-	300	313	465	4940	10	

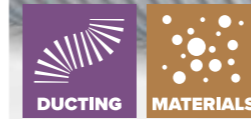
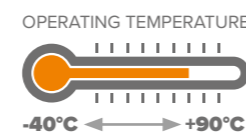
PUREFLEX HEAVY

PUREFLEX HEAVY FLEXIBLE DUCTING

Order Ref: **PUR-HD-SIZE**

Tube: Polyester - 1.4mm polyurethane wall encapsulating a spring steel wire helix, abrasion resistant highly flexible.

Application: Suction and transportation of air, dust and fumes, conveyance of light abrasive solids in a wide range of industries.



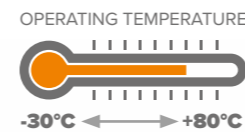
SUPERFLEX PU ANTISTATIC

SMOOTH BORE POLYURETHANE SUPER FLEXIBLE ANTISTATIC DUCTING

Order Ref: **SPU-SIZE-A/S**

Tube: Polyurethane with maximum strength and flexibility. Shock resistant with spiral helix on exterior. Copper wire inhibits antistatic electricity.

Application: Suitable for use in agricultural applications, for suction and discharge of abrasive materials such as dust and shavings. Esther based PU food grade for dry foods and water.



INTERNAL DIAMETER		OUTER DIAMETER		WALL THICKNESS	VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	mm	BAR	m.H ² O	mm	gr/m	m
1	25	31	0.6	6	65	300	20	
1 1/4	32	39	0.7	6	70	400	20	
1 1/2	38	46	0.9	6	78	470	20	
1 9/16	40	48	0.9	6	85	510	20	
2	51	59	0.9	6	100	615	20	
2 1/2	63	72	0.9	5	120	750	20	
3	76	85	0.9	4	145	920	20	
3 1/2	90	100	0.9	3.5	180	1080	20	
4	102	114	1.1	3	200	1250	20	
5	127	138	1.1	2.5	250	1560	20	
6	152	165	1.1	2	350	1850	20	
8	203	216	1.1	1.5	410	2500	10	



HERMES

CLEAR BRAIDED PVC

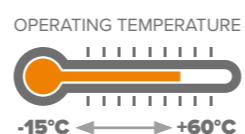
Order Ref: **STANDARD - CBP-SIZE-MM**
HEAVY - HDCBP-SIZE-MM

Tube: Transparent plasticized PVC, low toxic odourless PVC.

Reinforcement: High tensile polyester fibres.

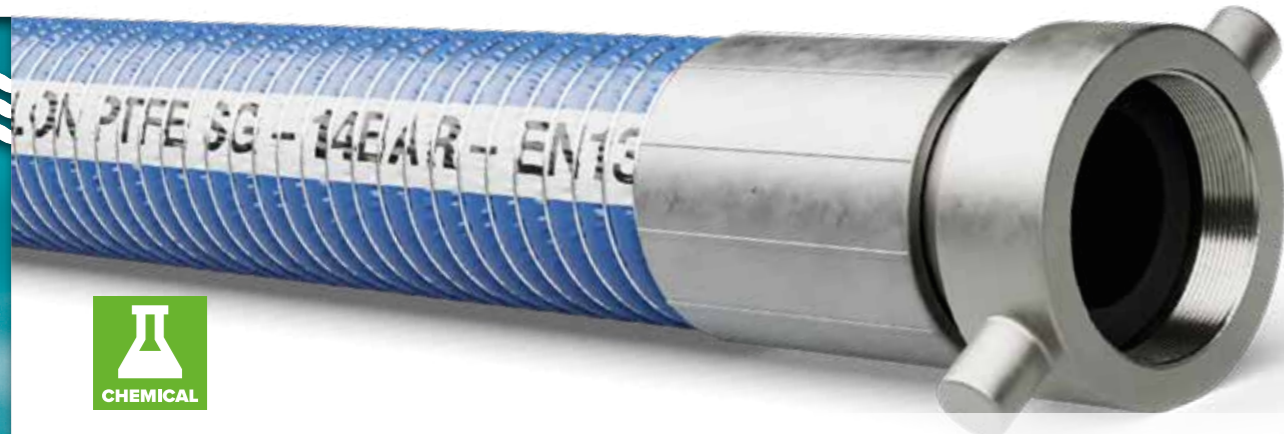
Cover: Abrasion, ozone and weather resistant transparent PVC.

Application: Light duty hose for multipurpose use, general water discharge and low pressure airlines. Suitable for food and water.



INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	mm	gr/m	m	
STANDARD DUTY										
1/4	6.3	10.5	10	150	30	450	30	73	30	
5/16	8	12	10	150	30	450	40	80	30	
3/8	10	14	10	150	30	450	50	99	30	
1/2	12.5	17.5	10	150	30	450	60	152	30/100	
5/8	15.9	21	10	150	30	450	80	197	30	
3/4	19	24	10	150	30	450	95	240	30/100	
1	25	31	10	150	30	450	125	367	30/100	
1 1/4	32	40	10	150	30	450	208	576	30	
1 1/2	38	46	10	150	30	450	247	632	30	
2	50	60	10	150	30	450	325	1104	30	
HEAVY DUTY										
1/4	6.3	11.4	14.25	210	57	840	92	-	30	
5/16	8	13.2	12.25	180	49	720	101	-	30	
3/8	9.25	16	11.25	165	45	660	112	-	30	
1/2	12.5	18.2	10.5	154	42	616	152	-	30 / 100	
5/8	15.9	23	10	150	40	600	161	-	30	
3/4	19	25.6	10	150	40	600	177	-	30 / 100	
1	25	32.6	10	150	40	600	254	-	30 / 100	





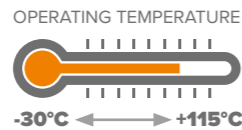
PTFE HOSE SG (EN13765:2010)

Order Ref: UHMWPE-size-16BAR

Construction: Manufactured with PTFE bore fabrics and films, weather proof abrasion resistant red and yellow outer cover. Reinforced with 316 stainless steel inner wire and galvanised external wires. Integraflex PTFE hose is also available with 316 stainless steel inner and outer wires for aggressive environments.

Application: for suction and discharge of aggressive chemical and solvents at higher temperatures.

Manufactured using PTFE and 316 stainless steel inner wires to give maximum chemical resistance. Extensively used for road tanker loading and offloading in plant applications where a robust flexible hose is required with a proven safety record.



INTERNAL DIAMETER		WORKING PRESSURE		BEND RADIUS		HOSE WEIGHT
mm	inch	BAR	PSI	inch	mm	gr/m
1	25	14	200	4	100	0.8
1 1/2	38	14	200	5	125	1.2
2	50	14	200	7	150	1.9
2 1/2	65	14	200	8	180	2.5
3	75	14	200	11	280	3.0
4	102	14	200	15	395	5.2



UHMWPE

UHMWPE CHEMICAL HOSE FDA 16 BAR

Order Ref: UHMWPE-size-16BAR

Tube: Food grade fda uhmwpe liner suitable for a wide range of corrosive chemicals and solvents.

Reinforcement: Synthetic textile. Twin steel wire helix embedded between the layers. Two anti-static wires.

Cover: Blue, weather & ozone resistant EPDM rubber.

Specification: ISO 1307.

Operating Temperature: -30°C to +90°C

- ✓ Excellent chemical resistance
- ✓ Assemblies are made to be fully conductive
- ✓ FDA approved compounds allow use with foodstuffs, alcohol, beverages etc

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	m.H ² O	mm	gr/m	m	
1/2	12.7	24	16	232	64	928	0.8	100	468	40	
3/4	19	31	16	232	64	928	0.8	152	640	40	
1	25	37	16	232	64	928	0.8	200	857	40	
1 1/4	32	44	16	232	64	928	0.8	256	1035	40	
1 1/2	38	51	16	232	64	928	0.8	304	1380	40	
2	51	67	16	232	64	928	0.8	408	2128	40	
2 1/2	63	79	16	232	64	928	0.8	504	2627	30	
3	76	91	16	232	64	928	0.8	608	3157	30	
4	102	120	16	232	64	928	0.8	816	4864	30	
6	150	175	16	232	64	928	0.8	1200	9810	30	



ALFAGOMMA 509OE

UHMWPE CHEMICAL HOSE FDA 16 BAR - WRAS APPROVED

Order Ref: AG509OE-SIZE-MM

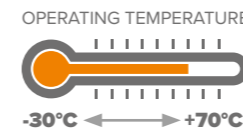
Tube: Food grade fda uhmwpe liner suitable for a wide range of corrosive chemicals and solvents.

Reinforcement: Synthetic textile. Twin steel wire helix embedded between the layers. Two anti-static wires.

Cover: Blue, weather & ozone resistant EPDM rubber.

Application: For suction & discharge of all corrosive chemicals, especially high aromatic solvents.

Specification: ISO 1307.



INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
mm	inch	mm	BAR	PSI	BAR	PSI	mm	gr/m	m	
19	3/4	31	16	240	48	720	114	59	30.5	
25	1	37	16	240	48	720	150	73	30.5	
32	1 1/4	44	16	240	48	720	192	88	30.5	
38	1 1/2	50	16	240	48	720	228	10.1	30.5	
40	1 9/16	52	16	240	48	720	240	10.5	30.5	
51	2	63	16	240	48	720	300	13.4	30.5	
63	2 1/2	77	16	240	48	720	378	20.9	30.5	
76	3	92	16	240	48	720	450	28.4	30.5	
102	4	118	16	240	48	720	600	38.7	30.5	



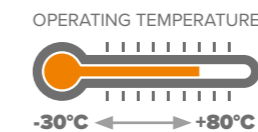
CHEMICAL HOSE PG (EN13765:2010)

Order Ref: UHMWPE-size-16BAR

Construction: Integraflex chemical hose is manufactured from polypropylene fabrics and films with a weather proof abrasion resistant grey outer cover. Reinforced with Polypropylene coated inner wire and galvanised external wires. Integraflex chemical hose can be manufactured with a stainless steel inner wire or outer wire for specialist applications.

Application: Integraflex chemical hoses are designed for suction and discharge of a wide range of chemicals and acids alkalis and can be used for road tanker loading and offloading in plant applications where a robust flexible hose is required with a proven safety record.

INTERNAL DIAMETER		WORKING PRESSURE		BEND RADIUS		HOSE WEIGHT
mm	inch	BAR	PSI	inch	mm	gr/m
1	25	14	200	4	100	0.8
1 1/2	38	14	200	5	125	1.2
2	50	14	200	7	150	1.9
2 1/2	65	14	200	8	180	2.5
3	75	14	200	11	280	3.0
4	102	14	200	15	395	5.2





ANTISTATIC LYMRA-PU

PU-LINED ANTI-STATIC HEAVY DUTY

Order Ref: **LYM-SIZE-MM**

Tube: Anti-static, anti-abrasive polyurethane inside layer.

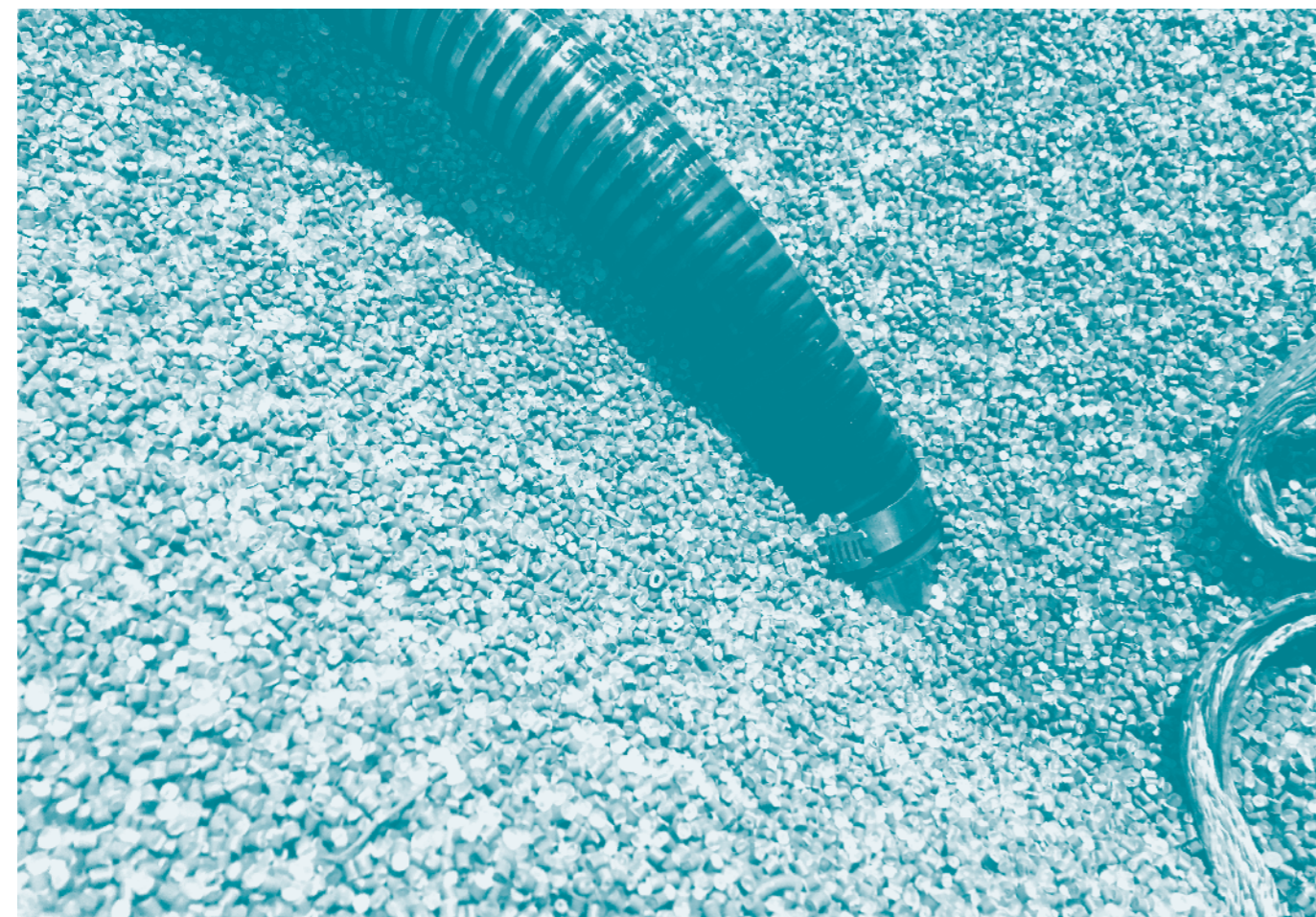
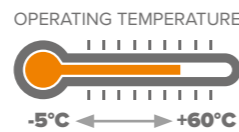
Reinforcement: Shock resistant PVC spiral.

Cover: Strong, flexible plasticized PVC.

Application: For heavy duty suction and delivery of water, slurries, dust and gravel in industrial and construction environments. Excellent resistance in abrasive applications.

Specification: ISO 1307.

INTERNAL DIAMETER		OUTER DIAMETER		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	m.H ² O	mm	gr/m	m	
3"	76	86	9	135	9	320	1690	30	
4"	102	116	9	135	8	420	2700	30	



HOSE & HOSE ASSEMBLIES



BULK MASTER

BULK MATERIAL S&D HOSE

Order Ref: **CSD-SIZE MM**

Tube: Abrasion resistant, conductive natural rubber.

Reinforcement: High tensile synthetic textile, steel wire helix and antistatic copper wire.

Cover: Abrasion, ozone and weather resistant pin-pricked special synthetic rubber.

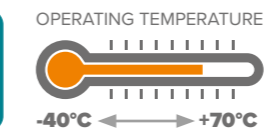
Specification: ISO 1307

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	BAR	mm	gr/m	m	
2	51	66	10	145	30	435	-0.92	310	1975	40	
2 1/2	64	78.5	10	145	30	435	-0.92	390	2317	40	
3	76	92	10	145	30	435	-0.92	460	3090	40	
4	102	120	10	145	30	435	-0.92	620	4540	40	

ABRA animal feed hose has an extra thick natural rubber liner

Many alternative products are supplied with a 3mm liner. This will proportionally reduce hose life.

- ✓ Very robust hose for abrasive materials such as sand, gravel, shot, grain, pellets etc
- ✓ Assemblies are made to be fully conductive



BULKMASTER LIGHT

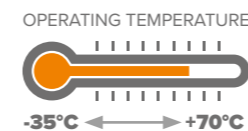
ABRASION RESISTANT & VERY FLEXIBLE SUCTION & DELIVERY HOSE

Order Ref: **CSDL-SIZE-MM**

Tube: NR, tan, wear-resistant & elastic, insulating.

Reinforcement: Textile wrapped, copper wires, zinc plated steel wire helix.

Cover: SBR, black, corrugated, antistatic, cloth impression.



INTERNAL DIAMETER	OUTER DIAMETER	WALL THICKNESS	WORKING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	gr/m	m
4	102	116	3	44	400	3372	30
5	127	140	3	44	550	3974	20
6	152	165	3	44	750	5580	20

- ✓ Corrugated cover makes it very flexible and easy to handle.
- ✓ Very robust hose for abrasive materials such as sand, gravel, shot, grain, pellets etc
- ✓ Assemblies are made to be fully conductive



ABRA ANIMAL FEED

ANIMAL FEED WITH CUFFED ENDS
Order Ref: AFH-SIZE MM

Tube: Abrasion resistant natural rubber, (beige colour).

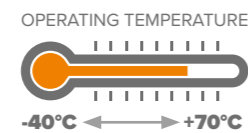
Reinforcement: High tensile synthetic textile, steel wire helix and antistatic copper wire.

Cover: Abrasion, ozone and weather resistant pin-pricked special synthetic.

Application: For suction and discharge of abrasive powders, dust, granules.

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		VACUUM	BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	m.H ² O	mm	gr/m	m	
4	101.6	118	4	145	12	450	-0.80	510	3770	6T,7FT, 8FT,9FT, 10FT, 12FT & 30 mtr coils	

ABRA animal feed hose has an extra thick natural rubber liner
Many alternative products are supplied with a 3mm liner. This will proportionally reduce hose life.



- Animal feed hose suitable for grain, corn, feedstuffs
- Proven design using Tan para rubber liner
- Assemblies are made to be fully conductive



BOOMFLEX VACPOWER

FLAT CORRUGATED VACUUM TANKER HOSE
Order Ref: VACP-SIZE-MM

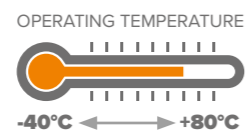
Tube: Abrasion resistant black natural rubber (NR).

Reinforcement: High tensile synthetic textile cords, 2 steel wire helix, anti-static copper wire.

Cover: Flat corrugated black NR/SBR cover resistant to abrasion, weather conditions and ozone.

Application: Bulk material suction hose designed for cleaning trucks.

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		HOSE WEIGHT	BEND RADIUS	VACUUM	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	gr/m	mm	BAR	m	
5	127	147	5	75	15	225	6526	390	-0.90	19	
6	152	171	5	75	15	225	8390	480	-0.90	19	



GOLIATH SUCTION EXCAVATOR HOSE

Order Ref: SEH-254-711M

Tube: NR tan abrasion resistant.

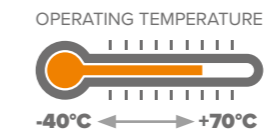
Reinforcement: Synthetic plies, steel wire helices.

Cover: Wide corrugated, black, conductive cloth finish. Abrasion, ageing and ozone resistant.

Application: Made specifically for use on suction/vacuum excavators suitable for high abrasive material like stones, sand, gravel with a reinforced end.

Specification: ISO 1307

INTERNAL DIAMETER		OUTER DIAMETER		VACUUM		BEND RADIUS		HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	mm	gr/m	m		
10	254	293	0,9	13	600	2343	5.3m, 6.9m, 7.1m, 7.9m		



BLAST SANDBLAST 12 BAR

Order Ref: SBH-SIZE MM

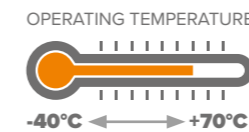
Tube: Abrasion resistant conductive natural rubber.

Reinforcement: High tensile synthetic textile and antistatic copper wire.

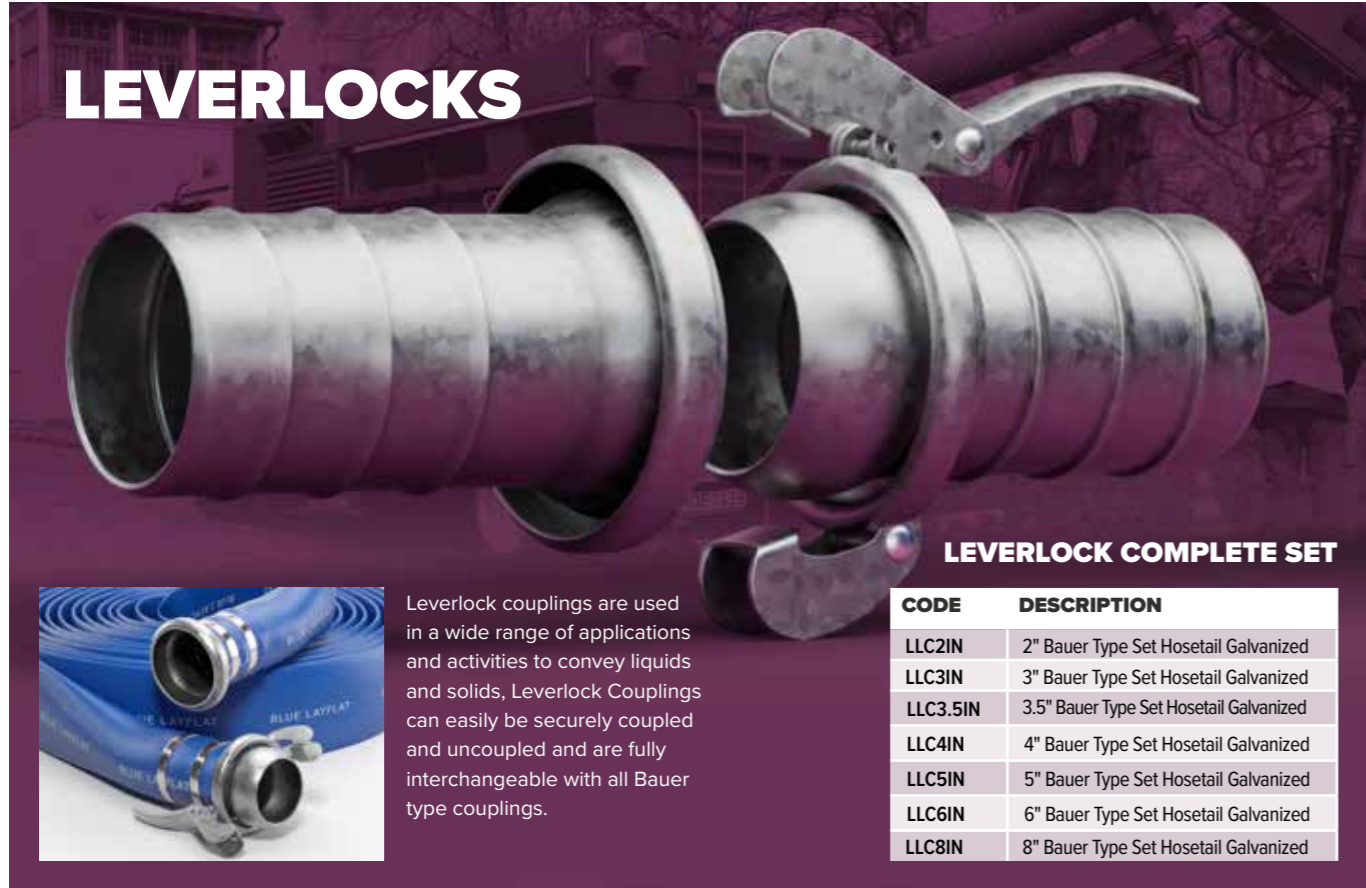
Cover: Abrasion, ozone and weather resistant, pin-pricked natural and synthetic rubber.

Application: For cleaning and blasting metal, stone and concrete surfaces.

INTERNAL DIAMETER		OUTER DIAMETER		WORKING PRESSURE		BURSTING PRESSURE		BEND RADIUS	HOSE WEIGHT	COIL LENGTH
inch	mm	mm	BAR	PSI	BAR	PSI	mm	gr/m	m	
1/2	12.7	28	12	174	36	522	127	512	40	
5/8	16	30	12	174	36	522	160	596	40	
3/4	19	35	12	174	36	522	190	800	40	
1	25.4	39	12	174	36	522	260	835	40	
1 1/4	32	48	12	174	36	522	320	1175	40	
1 1/2	38	54	12	174	36	522	380	1337	40	
2	51	73	12	174	36	522	510	2480	40	



LEVERLOCKS



LEVERLOCK COMPLETE SET



Leverlock couplings are used in a wide range of applications and activities to convey liquids and solids, Leverlock Couplings can easily be securely coupled and uncoupled and are fully interchangeable with all Bauer type couplings.

CODE	DESCRIPTION
LLC2IN	2" Bauer Type Set Hosetail Galvanized
LLC3IN	3" Bauer Type Set Hosetail Galvanized
LLC3.5IN	3.5" Bauer Type Set Hosetail Galvanized
LLC4IN	4" Bauer Type Set Hosetail Galvanized
LLC5IN	5" Bauer Type Set Hosetail Galvanized
LLC6IN	6" Bauer Type Set Hosetail Galvanized
LLC8IN	8" Bauer Type Set Hosetail Galvanized

MALE WITH HOSE TAIL



CODE	DESCRIPTION
LLM2IN	2" Bauer Type Male with Hose Tail
LLM3IN	3" Bauer Type Male with Hose Tail
LLM3.5IN	3.5" Bauer Type Male with Hose Tail
LLM4IN	4" Bauer Type Male with Hose Tail
LLM5IN	5" Bauer Type Male with Hose Tail
LLM6IN	6" Bauer Type Male with Hose Tail
LLM8IN	8" Bauer Type Male with Hose Tail

FEMALE WITH HOSE TAIL



CODE	DESCRIPTION
LLF2IN	2" Bauer Type Female with Hose
LLF3IN	3" Bauer Type Female with Hose
LLF3.5IN	3.5" Bauer Type Female with Hose
LLF4IN	4" Bauer Type Female with Hose
LLF5IN	5" Bauer Type Female with Hose
LLF6IN	6" Bauer Type Female with Hose
LLF8IN	8" Bauer Type Female with Hose

LEVER RING CLOSURE



CODE	DESCRIPTION
LLR2IN	2" Bauer Type Lever Ring Galvanized
LLR3IN	3" Bauer Type Lever Ring Galvanized
LLR3.5IN	3.5" Bauer Type Lever Ring Galvanized
LLR4IN	4" Bauer Type Lever Ring Galvanized
LLR5IN	5" Bauer Type Lever Ring Galvanized
LLR6IN	6" Bauer Type Lever Ring Galvanized
LLR8IN	8" Bauer Type Lever Ring Galvanized

RUBBER O RING



CODE	DESCRIPTION
LLO2IN	2" Bauer Type Rubber O Ring
LLO3IN	3" Bauer Type Rubber O Ring
LLO3.5IN	3.5" Bauer Type Rubber O Ring
LLO4IN	4" Bauer Type Rubber O Ring
LLO5IN	5" Bauer Type Rubber O Ring
LLO6IN	6" Bauer Type Rubber O Ring
LLO8IN	8" Bauer Type Rubber O Ring

HOSE FITTINGS

MALE WITH PN16 FLANGE

Ideal for converting pumps or hoses in the line from flanged to male Leverlock fitting.



CODE	DESCRIPTION
MFA200PN16	2" Bauer Type Male with Flange PN16
MFA350PN16	3.5" Bauer Type Male with Flange PN16
MFA400PN16	4" Bauer Type Male with Flange PN16
MFA600PN16	6" Bauer Type Male with Flange PN16
MFA800PN16	8" Bauer Type Male with Flange PN16

FEMALE WITH PN16 FLANGE

Ideal for converting pumps or hoses in the line from flanged to female Leverlock fitting.



CODE	DESCRIPTION
FFA200PN16	2" Bauer Type Female with Flange PN16
FFA350PN16	3.5" Bauer Type Female with Flange PN16
FFA400PN16	4" Bauer Type Female with Flange PN16
FFA600PN16	6" Bauer Type Female with Flange PN16
FFA800PN16	8" Bauer Type Female with Flange PN16

Y MALE BRANCH MMF

Designed to divert flow of fluid into two directions with minimal pressure drop. Male & female leverlock 'on the run', Male leverlock branching off.



CODE	DESCRIPTION
LLY4MMF	4" Bauer Type Y Male Branch
LLY6MMF	6" Bauer Type Y Male Branch
LLY8MMF	8" Bauer Type Y Male Branch

Y FEMALE BRANCH FFM

Designed to divert flow of fluid into two directions with minimal pressure drop. Male & female leverlock 'on the run', Female leverlock branching off.



CODE	DESCRIPTION
LLY4FFM	4" Bauer Type Y Female Branch
LLY6FFM	6" Bauer Type Y Female Branch
LLY8FFM	8" Bauer Type Y Female Branch

TEE MALE BRANCH FMM

Designed to divert flow at 90 degrees. Male & female leverlock 'on the run', Male leverlock branching off.



CODE	DESCRIPTION
LLF4TMM	4" Bauer Type Tee Male Branch
LLF6TMM	6" Bauer Type Tee Male Branch
LLF8TMM	8" Bauer Type Tee Male Branch

TEE FEMALE BRANCH MFF

Designed to divert flow at 90 degrees. Male & female leverlock 'on the run', Female leverlock branching off.



CODE	DESCRIPTION
LLM4TFF	4" Bauer Type Tee Female Branch
LLM6TFF	6" Bauer Type Tee Female Branch
LLM8TFF	8" Bauer Type Tee Female Branch

MALE END PLUG

Supplied complete with captive closure arms. For blanking off female leverlocks. Prevents dirt, debris & vermin getting in the hose or pipe, and any product left in hose or pipe dripping out in transit.



CODE	DESCRIPTION
LLM2CAP	2" Bauer Type Male End Cap with Locking Arms
LLM3.5CAP	3.5" Bauer Type Male End Cap with Locking Arms
LLM4CAP	4" Bauer Type Male End Cap with Locking Arms
LLM6CAP	6" Bauer Type Male End Cap with Locking Arms
LLM8CAP	8" Bauer Type Male End Cap with Locking Arms

FEMALE END CAP

For blanking off male leverlocks. Prevents dirt, debris and vermin getting in the hose or pipe, and any product left in hose or pipe dripping out in transit.



CODE	DESCRIPTION
LLF2CAP	2" Bauer Type Female End Cap with O Ring
LLF3.5CAP	3.5" Bauer Type Female End Cap with O Ring
LLF4CAP	4" Bauer Type Female End Cap with O Ring
LLF6CAP	6" Bauer Type Female End Cap with O Ring
LLF8CAP	8" Bauer Type Female End Cap with O Ring

MALE WELD END FITTING

Supplied ungalvanized ready for welding



CODE	DESCRIPTION
LLM2W	2" Bauer Type Male Weld End Fitting Non Galvanized
LLM3.5W	3.5" Bauer Type Male Weld End Fitting Non Galvanized
LLM4W	4" Bauer Type Male Weld End Fitting Non Galvanized
LLM5W	5" Bauer Type Male Weld End Fitting Non Galvanized
LLM6W	6" Bauer Type Male Weld End Fitting Non Galvanized
LLM8W	8" Bauer Type Male Weld End Fitting Non Galvanized

FEMALE WELD END FITTING

Supplied ungalvanized ready for welding
Sealing ring sold separately



CODE	DESCRIPTION
LLF2W	2" Bauer Type Female Weld End Fitting Non Galvanized
LLF3.5W	3.5" Bauer Type Female Weld End Fitting Non Galvanized
LLF4W	4" Bauer Type Female Weld End Fitting Non Galvanized
LLF5W	5" Bauer Type Female Weld End Fitting Non Galvanized
LLF6W	6" Bauer Type Female Weld End Fitting Non Galvanized
LLF8W	8" Bauer Type Female Weld End Fitting Non Galvanized

MALE WITH MALE BSPT THREADED

Can be screwed into valves etc to convert to Leverlock.
Lever closure ring supplied separately



CODE	DESCRIPTION
LLM2MI	2" Bauer Type Male with Male BSPT Threaded Hose
LLM3MI	3" Bauer Type Male with Male BSPT Threaded Hose
LLM3.5MI	3.5" Bauer Type Male with Male BSPT Threaded Hose
LLM4MI	4" Bauer Type Male with Male BSPT Threaded Hose
LLM6MI	6" Bauer Type Male with Male BSPT Threaded Hose

FEMALE WITH MALE BSPT THREADED

Can be screwed into valves etc to convert to Leverlock.
Supplied complete with sealing ring



CODE	DESCRIPTION
LLF2MI	2" Bauer Type Female with Male BSPT Threaded Hose
LLF3MI	3" Bauer Type Female with Male BSPT Threaded Hose
LLF3.5MI	3.5" Bauer Type Female with Male BSPT Threaded Hose
LLF4MI	4" Bauer Type Female with Male BSPT Threaded Hose
LLF6MI	6" Bauer Type Female with Male BSPT Threaded Hose

ENLARGER

Male leverlock is LARGER than female leverlock
Very popular for connecting Leverlock couplings of dissimilar size.



CODE	DESCRIPTION
LLF2M3.5	2" Bauer Type Female x 3.5" Bauer Type Male
LLF2M4	2" Bauer Type Female x 4" Bauer Type Male
LLF3.5M4	3.5" Bauer Type Female x 4" Bauer Type Male
LLF4M6	4" Bauer Type Female x 6" Bauer Type Male
LLF6M8	6" Bauer Type Female x 8" Bauer Type Male

REDUCER

Male leverlock is SMALLER than female leverlock
Very popular for connecting Leverlock couplings of dissimilar size



CODE	DESCRIPTION
LLF3.5M2	2" Bauer Type Male x 3.5" Bauer Type Female
LLF4M2	2" Bauer Type Male x 4" Bauer Type Female
LLF4M3.5	3.5" Bauer Type Male x 4" Bauer Type Female
LLF6M4	4" Bauer Type Male x 6" Bauer Type Female
LLF8M6	6" Bauer Type Male x 8" Bauer Type Female

90° BEND MALE x FEMALE

Ideal for routing galvanised pipe or preventing kinks on hose assemblies around corners or over edges.

Assists with any mis-alignment when installing pipework



CODE	DESCRIPTION
LLM2F90	2" Bauer Type 90 Degree Bend
LLM3.5F90	3.5" Bauer Type 90 Degree Bend
LLM4F90	4" Bauer Type 90 Degree Bend
LLM6F90	6" Bauer Type 90 Degree Bend
LLM8F90	8" Bauer Type 90 Degree Bend

45° BEND MALE x FEMALE

Ideal for routing galvanised pipe or preventing kinks on hose assemblies around corners or over edges.

Assists with any mis-alignment when installing pipework



CODE	DESCRIPTION
LLM2F45	2" Bauer Type 45 Degree Bend
LLM3.5F45	3.5" Bauer Type 45 Degree Bend
LLM4F45	4" Bauer Type 45 Degree Bend
LLM6F45	6" Bauer Type 45 Degree Bend
LLM8F45	8" Bauer Type 45 Degree Bend

HOSE FITTINGS

LEVERLOCK ADAPTORS

Useful adaptors for converting female ends to male and vice-versa
Males supplied with captive closure rings
Females supplied with O Ring.

CODE	DESCRIPTION
LLM2M2	Leverlock 2" Male x Male
LLM3.5M3.5	Leverlock 3.5" Male x Male
LLM4M4	Leverlock 4" Male x Male
LLM6M6	Leverlock 6" Male x Male
LLM8M8	Leverlock 8" Male x Male



CODE	DESCRIPTION
LLF2F2	Leverlock 2" Female x Female
LLF3.5F3.5	Leverlock 3.5" Female x Female
LLF4F4	Leverlock 4" Female x Female
LLF6F6	Leverlock 6" Female x Female
LLF8F8	Leverlock 8" Female x Female



LEVERLOCK HEAVY DUTY STRAINER

Designed in conjunction with Pump manufacturers.
Heavy duty welded pipe construction.
Mesh manufactured from 6mm (4") and 8mm (6 & 8") steel rod.
Galvanised for corrosion resistance
4" features a grid with a size of 25mm square for smaller solids
6" features a grid with a size of 40mm square for medium solids
8" features a grid with a size of 50mm square for large solids



CODE	DESCRIPTION
LLST4IN	4" HD Male Sewage Strainer
LLST6IN	6" HD Male Sewage Strainer
LLST8IN	8" HD Male Sewage Strainer

LEVERLOCKS

MALE WITH STRAINER



CODE	DESCRIPTION
LLGP2IN	2" Bauer Type Male with Strainer
LLGP3.5IN	3.5" Bauer Type Male with Strainer
LLGP4IN	4" Bauer Type Male with Strainer
LLGP6IN	6" Bauer Type Male with Strainer
LLGP8IN	8" Bauer Type Male with Strainer

LEVERLOCK FOOTVALVE & STRAINER

Fitted with a foot-valve which ensures that the direction of flow of the fluid is from the male part and prevents back-filling.



CODE	DESCRIPTION
LLM2FV	2" Male Footvalve
LLM3.5FV	3.5" Male Footvalve
LLM4FV	4" Male Footvalve
LLM6FV	6" Male Footvalve
LLM8FV	8" Male Footvalve



HK/ANFOR GALVANIZED PIPE

We supply lengths of HK/ Anfor Rigid Galvanized pipe up to 16" nominal bore

We can also supply Sch steel pipe with Leverlock ends for heavier duty applications.

Price on Application

Contact the Integraflex team for a quick and competitive quotation.



CAMLOCKS

Camlock couplings are designed to A-A-59326F (formerly MIL-C-27487) standard are designed for low pressure transfer applications and are available in 4 materials Aluminium, Brass, Stainless Steel & Polypropylene.



STAINLESS STEEL CAMLOCKS

Type A Camlock x BSPP Female



CODE	SIZE	WP (Bar)
A50SS	1/2"	10
A75SS	3/4"	10
A100SS	1"	10
A125SS	1.1/4"	10
A150SS	1.1/2"	10
A200SS	2"	10
A250SS	2.1/2"	10
A300SS	3"	10
A400SS	4"	7
A500SS	5"	5
A600SS	6"	5

Type B Camlock x BSPT Male



CODE	SIZE	WP (Bar)
B50SS	1/2"	10
B75SS	3/4"	10
B100SS	1"	10
B125SS	1.1/4"	10
B150SS	1.1/2"	10
B200SS	2"	10
B250SS	2.1/2"	10
B300SS	3"	10
B400SS	4"	7
B500SS	5"	5
B600SS	6"	5

Type C Camlock x HOSETAIL



CODE	SIZE	WP (Bar)
C50SS	1/2"	10
C75SS	3/4"	10
C100SS	1"	10
C125SS	1.1/4"	10
C150SS	1.1/2"	10
C200SS	2"	10
C250SS	2.1/2"	10
C300SS	3"	10
C400SS	4"	7
C500SS	5"	5
C600SS	6"	5
C800SS	8"	3

Type D Camlock x BSPP Female



CODE	SIZE	WP (Bar)
D50SS	1/2"	10
D75SS	3/4"	10
D100SS	1"	10
D125SS	1.1/4"	10
D150SS	1.1/2"	10
D200SS	2"	10
D250SS	2.1/2"	10
D300SS	3"	10
D400SS	4"	7
D500SS	5"	5
D600SS	6"	5

Type E Camlock x HOSE TAIL



CODE	SIZE	WP (Bar)
E50SS	1/2"	10
E75SS	3/4"	10
E100SS	1"	10
E125SS	1.1/4"	10
E150SS	1.1/2"	10
E200SS	2"	10
E250SS	2.1/2"	10
E300SS	3"	10
E400SS	4"	7
E500SS	5"	5
E600SS	6"	5
E800SS	8"	3

Type F Camlock x BSPT Male



CODE	SIZE	WP (Bar)
F50SS	1/2"	10
F75SS	3/4"	10
F100SS	1"	10
F125SS	1.1/4"	10
F150SS	1.1/2"	10
F200SS	2"	10
F250SS	2.1/2"	10
F300SS	3"	10
F400SS	4"	7
F500SS	5"	5
F600SS	6"	5

Type DC Camlock



CODE	SIZE	WP (Bar)
DC50SS	1/2"	10
DC75SS	3/4"	10
DC100SS	1"	10
DC125SS	1.1/4"	10
DC150SS	1.1/2"	10
DC200SS	2"	10
DC250SS	2.1/2"	10
DC300SS	3"	10
DC400SS	4"	7
DC500SS	5"	5
DC600SS	6"	5

Type DP Camlock



CODE	SIZE	WP (Bar)
DP50SS	1/2"	10
DP75SS	3/4"	10
DP100SS	1"	10
DP125SS	1.1/4"	10
DP150SS	1.1/2"	10
DP200SS	2"	10
DP250SS	2.1/2"	10
DP300SS	3"	10
DP400SS	4"	7
DP500SS	5"	5
DP600SS	6"	5

ⓘ Threaded Couplings also available in NPT Thread

HOSE FITTINGS

BRASS CAMLOCKS

Type A Camlock x BSPP Female



CODE	SIZE	WP (Bar)
A50BR	1/2"	8
A75BR	3/4"	10
A100BR	1"	10
A125BR	1.1/4"	10
A150BR	1.1/2"	10
A200BR	2"	10
A250BR	2.1/2"	10
A300BR	3"	10
A400BR	4"	7
A500BR	5"	5
A600BR	6"	5

Type B Camlock x BSPT Male



CODE	SIZE	WP (Bar)
B50BR	1/2"	8
B75BR	3/4"	10
B100BR	1"	10
B125BR	1.1/4"	10
B150BR	1.1/2"	10
B200BR	2"	10
B250BR	2.1/2"	10
B300BR	3"	10
B400BR	4"	7
B500BR	5"	5
B600BR	6"	5

Type C Camlock x HOSETAIL



CODE	SIZE	WP (Bar)
C50BR	1/2"	10
C75BR	3/4"	10
C100BR	1"	10
C125BR	1.1/4"	10
C150BR	1.1/2"	10
C200BR	2"	10
C250BR	2.1/2"	10
C300BR	3"	10
C400BR	4"	10
C500BR	5"	10
C600BR	6"	10
C800SS	8"	3

Type D Camlock x BSPP Female



CODE	SIZE	WP (Bar)
D50BR	1/2"	8
D75BR	3/4"	10
D100BR	1"	10
D125BR	1.1/4"	10
D150BR	1.1/2"	10
D200BR	2"	10
D250BR	2.1/2"	10
D300BR	3"	10
D400BR	4"	7
D500BR	5"	5
D600BR	6"	5

Type E Camlock x HOSE TAIL



CODE	SIZE	WP (Bar)
E50BR	1/2"	8
E75BR	3/4"	10
E100BR	1"	10
E125BR	1.1/4"	10
E150BR	1.1/2"	10
E200BR	2"	10
E250BR	2.1/2"	10
E300BR	3"	10
E400BR	4"	7
E500BR	5"	5
E600BR	6"	5
E800SS	8"	3

Type F Camlock x BSPT Male



CODE	SIZE	WP (Bar)
F50BR	1/2"	10
F75BR	3/4"	10
F100BR	1"	10
F125BR	1.1/4"	10
F150BR	1.1/2"	10
F200BR	2"	10
F250BR	2.1/2"	10
F300BR	3"	10
F400BR	4"	7
F500BR	5"	5
F600BR	6"	5

Type DC Camlock



CODE	SIZE	WP (Bar)
DC50BR	1/2"	8
DC75BR	3/4"	10
DC100BR	1"	10
DC125BR	1.1/4"	10
DC150BR	1.1/2"	10
DC200BR	2"	10
DC250BR	2.1/2"	10
DC300BR	3"	10
DC400BR	4"	7
DC500BR	5"	5
DC600BR	6"	5

Type DP Camlock



CODE	SIZE	WP (Bar)
DP50BR	1/2"	8
DP75BR	3/4"	10
DP100BR	1"	10
DP125BR	1.1/4"	10
DP150BR	1.1/2"	10
DP200BR	2"	10
DP250BR	2.1/2"	10
DP300BR	3"	10
DP400BR	4"	7
DP500BR	5"	5
DP600BR	6"	5

ⓘ Threaded Couplings also available in NPT Thread

ALUMINIUM CAMLOCKS

Type A Camlock x BSPP Female



CODE	SIZE	WP (Bar)
A50AL	1/2"	10
A75AL	3/4"	10
A100AL	1"	10
A125AL	1.1/4"	10
A150AL	1.1/2"	10
A200AL	2"	10
A250AL	2.1/2"	10
A300AL	3"	10
A400AL	4"	7
A500AL	5"	4.5
A600AL	6"	4.5
A800AL	8"	3

Type B Camlock x BSPT Male



CODE	SIZE	WP (Bar)
B50AL	1/2"	10
B75AL	3/4"	10
B100AL	1"	10
B125AL	1.1/4"	10
B150AL	1.1/2"	10
B200AL	2"	10
B250AL	2.1/2"	10
B300AL	3"	10
B400AL	4"	7
B500AL	5"	4.5
B600AL	6"	4.5
B800AL	8"	3

Type C Camlock x HOSETAIL



CODE	SIZE	WP (Bar)
C50AL	1/2"	10
C75AL	3/4"	10
C100AL	1"	10
C125AL	1.1/4"	10
C150AL	1.1/2"	10
C200AL	2"	10
C250AL	2.1/2"	10
C300AL	3"	10
C400AL	4"	7
C500AL	5"	4.5
C600AL	6"	4.5
C800AL	8"	3.5

Type D Camlock x BSPP Female



CODE	SIZE	WP (Bar)
D50AL	1/2"	10
D75AL	3/4"	10
D100AL	1"	10
D125AL	1.1/4"	10
D150AL	1.1/2"	10
D200AL	2"	10
D250AL	2.1/2"	10
D300AL	3"	10
D400AL	4"	7
D500AL	5"	4.5
D600AL	6"	4.5
D800AL	8"	3.5

Type E Camlock x HOSE TAIL



CODE	SIZE	WP (Bar)
E50AL	1/2"	10
E75AL	3/4"	10
E100AL	1"	10
E125AL	1.1/4"	10
E150AL	1.1/2"	10
E200AL	2"	10
E250AL	2.1/2"	10
E300AL	3"	10
E400AL	4"	7
E500AL	5"	4.5
E600AL	6"	4.5
E800AL	8"	3.5

Type F Camlock x BSPT Male



CODE	SIZE	WP (Bar)
F50AL	1/2"	10
F75AL	3/4"	10
F100AL	1"	10
F125AL	1.1/4"	10
F150AL	1.1/2"	10
F200AL	2"	10
F250AL	2.1/2"	10
F300AL	3"	10
F400AL	4"	7
F500AL	5"	4.5
F600AL	6"	4.5
F800AL	8"	3.5

Type DC Camlock



CODE	SIZE	WP (Bar)
DC50AL	1/2"	10
DC75AL	3/4"	10
DC100AL	1"	10
DC125AL	1.1/4"	10
DC150AL	1.1/2"	10
DC200AL	2"	10
DC250AL	2.1/2"	10
DC300AL	3"	10
DC400AL	4"	7
DC500AL	5"	4.5
DC600AL	6"	4.5
DC800AL	8"	3.5

Type DP Camlock



CODE	SIZE	WP (Bar)
DP50AL	1/2"	10
DP75AL	3/4"	10
DP100AL	1"	10
DP125AL	1.1/4"	10
DP150AL	1.1/2"	10
DP200AL	2"	10
DP250AL	2.1/2"	10
DP300AL	3"	10
DP400AL	4"	7
DP500AL	5"	4.5
DP600AL	6"	4.5
DP800AL	8"	3.5

HOSE FITTINGS

POLYPROPYLENE CAMLOCKS

Type A Camlock x BSPP Female



CODE	SIZE	WP (Bar)
A50PP	1/2"	5
A75PP	3/4"	7
A100PP	1"	7
A125PP	1.1/4"	7
A150PP	1.1/2"	7
A200PP	2"	7
A300PP	3"	4
A400PP	4"	4

Type B Camlock x BSPT Male



CODE	SIZE	WP (Bar)
B50PP	1/2"	5
B75PP	3/4"	7
B100PP	1"	7
B125PP	1.1/4"	7
B150PP	1.1/2"	7
B200PP	2"	7
B300PP	3"	4
B400PP	4"	4

Type C Camlock x HOSETAIL



CODE	SIZE	WP (Bar)
C50PP	1/2"	5
C75PP	3/4"	7
C100PP	1"	7
C125PP	1.1/4"	7
C150PP	1.1/2"	7
C200PP	2"	7
C300PP	3"	4
C400PP	4"	4

Type D Camlock x BSPP Female



CODE	SIZE	WP (Bar)
D50PP	1/2"	5
D75PP	3/4"	7
D100PP	1"	7
D125PP	1.1/4"	7
D150PP	1.1/2"	7
D200PP	2"	7
D300PP	3"	4
D400PP	4"	4

Type E Camlock HOSE TAIL



CODE	SIZE	WP (Bar)
E50PP	1/2"	5
E75PP	3/4"	7
E100PP	1"	7
E125PP	1.1/4"	7
E150PP	1.1/2"	7
E200PP	2"	7
E300PP	3"	4
E400PP	4"	4

Type F Camlock x BSPT Male



CODE	SIZE	WP (Bar)
F50PP	1/2"	5
F75PP	3/4"	7
F100PP	1"	7
F125PP	1.1/4"	7
F150PP	1.1/2"	7
F200PP	2"	7
F300PP	3"	4
F400PP	4"	4

Type DC Camlock



CODE	SIZE	WP (Bar)
DC50PP	1/2"	5
DC75PP	3/4"	7
DC100PP	1"	7
DC150PP	1.1/2"	7
DC200PP	2"	7
DC300PP	3"	4
DC400PP	4"	4

Type DP Camlock



CODE	SIZE	WP (Bar)
DP50PP	1/2"	5
DP75PP	3/4"	7
DP100PP	1"	7
DP150PP	1.1/2"	7
DP200PP	2"	7
DP300PP	3"	4
DP400PP	4"	4

CAMLOCK ACCESSORIES

Camlock Gaskets



SIZE	BUNA NITRILE	VITON	EPDM	TEFLON BUNA	TEFLON VITON	FEP ENCAPSULATED
1/2"	50B	50V	50E	50TB	50TV	-
3/4"	75B	75V	75E	75TB	75TV	-
1"	100B	100V	100E	100TB	100TV	100FEP
1.1/4"	125B	125V	125E	125TB	125TV	-
1.1/2"	150B	150V	150E	150TB	150TV	150FEP
2"	200B	200V	200E	200TB	200TV	200FEP
2.1/2"	250B	250V	250E	250TB	250TV	-
3"	300B	300V	300E	300TB	300TV	-
4"	400B	400V	400E	400TB	400TV	-
5"	500B	500V	500E	500TB	500TV	-
6"	600B	600V	600E	600TB	600TV	-

Camlock Chains & Rings



Product	Brass 12inch Chain	SS 12inch Chain	Locking Pin
Code	36310	SS12CH	CGP

Camlock Replacement Handles



SIZE	Brass	Stainless Steel
3/4"	CH75BR	CH75SS
1"	CH100BR	CH100SS
1.1/4"- 2.1/2"	CH200BR	CH200SS
3"- 5"	CH300BR	CH300SS
6"	CH600BR	CH600SS

Stainless Steel Flange Male Adaptor



SIZE	ASA150	PN16
3/4"	75A150	75ANP
1"	100A150	100ANP
1.1/4"	125A150	125ANP
1.1/2"	150A150	150ANP
2"	200A150	200ANP
2.1/2"	250A150	250ANP
3"	300A150	300ANP
4"	400A150	400ANP

Stainless Steel Flange Female Adaptor



SIZE	ASA150	PN16
3/4"	75C150	75CNP
1"	100C150	100CNP
1.1/4"	125C150	125CNP
1.1/2"	150C150	150CNP
2"	200C150	200CNP
2.1/2"	250C150	250CNP
3"	300C150	300CNP
4"	400C150	400CNP

IBC ADAPTORS

Polypropylene IBC Adaptor S60x6 Female x 2" BSP Female

- Designed to fit most standard UK and European IBC containers where the outlet is S60x6 male thread. An S60x6 thread measures 60mm across from the edge of each thread.
- Easily converts S60x6 (Buttress) to 2" BSP female
- Manufactured from glass reinforced polypropylene
- Supplied with LDPE gasket
- 70°C maximum temperature

Part#	Size (BSPP)	Buttress Thread
IBC2-1PP	1" Female	S60x6 Female
IBC15PP	1.5" Female	S60x6 Female
IBC2PP	2" Female	S60x6 Female
IBC2PPM	2" Male	S60x6 Female



Polypropylene IBC Adaptor S60x6 Female x Cam Adaptor (Male)

- Designed to fit most standard UK and European IBC containers where the outlet is S60x6 male thread. An S60x6 thread measures 60mm across from the edge of each thread.
- Easily converts S60x6 (Buttress) to 1 1/2" or 2" Camlock Male
- Manufactured from glass reinforced polypropylene
- Supplied with LDPE gasket
- 70°C maximum temperature

Part#	Size Cam	Buttress Thread
A100PPBU	1" Male Cam	S60x6 Female
A150PPBU	1.5" Male Cam	S60x6 Female
A200PPBU	2" Male Cam	S60x6 Female



HOSE FITTINGS

CAMLOCKS

LUG COUPLINGS

Traditional Lugged type couplings for low pressure water suction & delivery applications.

Polypropylene and stainless steel versions can also be used for clean water, chemical & hygienic suction & delivery applications.

Brass versions can also be used for certain oils & hydrocarbon applications.



BRASS LUG COUPLINGS

Brass Lug Type Female BSP Cap & Liner (362 style)

Traditional lugged swivel female for low pressure water suction & deliver applications. Flat sealing face. Also suitable for certain oils & hydrocarbons. Supplied with Leather washer as standard.

Always check seal compatibility with conveyant.



PART#	SIZE	PART#	SIZE
BLF50	1/2"	BLF200	2"
BLF75	3/4"	BLF250	2.1/2"
BLF100	1"	BLF300	3"
BLF125	1.1/4"	BLF400	4"
BLF150	1.1/2"	BLF600	6"

Brass Lug Type Fixed Male BSPP (360 style)

Traditional fixed lugged male with parallel BSP male thread. For low pressure water suction & delivery applications



PART#	SIZE	PART#	SIZE
BLM50	1/2"	BLM200	2"
BLM75	3/4"	BLM250	2.1/2"
BLM100	1"	BLM300	3"
BLM125	1.1/4"	BLM400	4"
BLM150	1.1/2"	BLM600	6"

STAINLESS STEEL LUG COUPLINGS

Stainless Steel Lug Type Female BSP Cap & Liner

316 stainless steel Lugged swivel BSP female for low pressure clean water, chemical & hygienic suction & delivery applications. Flat sealing face. Supplied with Leather washer as standard.

Always check seal compatibility with conveyant.



PART#	SIZE	PART#	SIZE
SLF100	1"	SLF250	2.1/2"
SLF125	1.1/4"	SLF300	3"
SLF150	1.1/2"	SLF400	4"
SLF200	2"		

Stainless Steel Lug Type Female URT Cap & Liner

316 stainless steel Lugged swivel URT (urban round thread) female for low pressure clean water, chemical & chemical waste suction & delivery applications. Flat sealing face. Supplied with Leather washer as standard.

Always check seal compatibility with conveyant, temperature and pressure.



PART#	SIZE
GF3SS	3"
GF4SS	4"

Stainless Steel Lug Type Fixed Male BSPP

316 stainless steel fixed lugged male with parallel BSP male thread. low pressure clean water, chemical & chemical waste suction & delivery applications



PART#	SIZE	PART#	SIZE
SLM75	3/4"	SLM200	2"
SLM100	1"	SLM250	2.1/2"
SLM125	1.1/4"	SLM300	3"
SLM150	1.1/2"	SLM400	4"

Stainless Steel Lug Type Fixed Male URT

316 stainless steel fixed lugged male with parallel URT male thread. For low pressure clean water, chemical waste and aggressive suction & deliver applications at low pressure.



PART#	SIZE
GM3SS	3"
GM4SS	4"

ALUMINIUM LUG COUPLINGS

Aluminium Lug Type Female BSP Cap & Liner



Lightweight & costs effective BSP lugged light alloy swivel cap & liner for water suction & delivery at low pressure. Supplied with Leather washer as standard.

Always check seal compatibility with conveyant.

PART#	SIZE
43004/43005	2"
43007/43008	2½"
43010/43107	3"

Aluminium Lug Type Female URT Cap & Liner



Lightweight & costs effective URT lugged light alloy swivel cap & liner for water suction & delivery at low pressure. Supplied with Leather washer as standard.

Always check seal compatibility with conveyant.

Popular on waste management applications.

PART#	SIZE
GF3AL	3"
GF4AL	4"

Aluminium Lug Type Fixed Male BSPP



Traditional fixed lugged male with parallel BSP male thread. For low pressure water suction & delivery applications

PART#	SIZE
43006	2"
43009	2½"

Aluminium Lug Type Fixed Male URT



Traditional fixed lugged male with parallel URT male thread x serrated hose tail. For low pressure water suction & deliver applications

PART#	SIZE
GM3AL	3"
GM4AL	4"

POLYPROPYLENE LUG COUPLINGS

Polypropylene Lug Type Female BSP Cap & Liner



Lightweight, cost-effective BSP swivel female. Flat sealing face. Supplied with Leather washer as standard. Suitable for very low pressure delivery & suction applications. Suitable for certain chemicals & water.

Always check compatibility with conveyant before use.

PART#	SIZE	PART#	SIZE
PLF150	1½"	PLF300	3"
PLF200	2"	PLF400	4"
PLF250	2½"		

Polypropylene Lug Type Fixed Male BSPP



Lightweight, cost-effective BSP fixed male x serrated hosetail

PART#	SIZE	PART#	SIZE
PLM150	1½"	PLM300	3"
PLM200	2"	PLM400	4"
PLM250	2½"		

Polypropylene Lug Type Female URT Cap & Liner



Lightweight, cost-effective URT (urban round thread) swivel female. Flat sealing face. Supplied with Leather washer as standard. Suitable for very low pressure delivery & suction applications. Suitable for certain chemicals & water.

Always check compatibility with conveyant before use.

PART#	SIZE
GF3PP	3"
GF4PP	4"

Polypropylene Lug Type Fixed Male URT



Lightweight, cost-effective URT fixed male x serrated hosetail. Suitable for very low pressure delivery and suction.

PART#	SIZE
GM3PP	3"
GM4PP	4"

HOSE FITTINGS

LUG COUPLINGS & ADAPTORS

MALLEABLE IRON LUG COUPLINGS

Malleable Iron Female BSP Cap & Liner



Also known as 'Lumps'. Traditional lugged swivel female for low pressure water suction & delivery applications. Flat sealing face. Supplied with Leather washer as standard.

Always check seal compatibility with conveyant.

PART#	SIZE	PART#	SIZE
LF125	1 ¼"	LF300	3"
LF150	1 ½"	LF400	4"
LF200	2"	LF600	6"
LF250	2 ½"		

Aluminium Fixed Lug Adaptors Male x Female BSP

Competitively priced light alloy lugged male x female BSP reducers and enlargers. Female side supplied with leather washer.



PART#	SIZE	PART#	SIZE
1.5mX1.25FAL	1-½m x 1-1/4F	2.5mX2FAL	2-½m x 2F
1.5mX1.5FAL	1-½m x 1-½F	2.5mX2.5FAL	2-½m x 2-½F
1.5mX2FAL	1-½m x 2F	2.5mX3FAL	2-½m x 3F
1.5mX2.5FAL	1-½m x 2-½F	2.5mX4FAL	2-½m x 4F
1.5mX3FAL	1-½m x 3F	3mX2FAL	3m x 2F
2mX1.25FAL	2m x 1-1/4F	3mX2.5FAL	3m x 2-½F
2mX1.5FAL	2m x 1-½F	3mX3FAL	3m x 3F
2mX2FAL	2m x 2F	3mX4FAL	3m x 4F
2mX2.5FAL	2m x 2-½F	4mX3FAL	4m x 3F
2mX3FAL	2m x 3F	4mX4FAL	4m x 4F

Malleable Iron Fixed Male BSPP



Non lugged BSPP male x serrated hosetail.

PART#	SIZE	PART#	SIZE
LM125	1 ¼"	LM300	3"
LM150	1 ½"	LM400	4"
LM200	2"	LM600	6"
LM250	2 ½"		

ADAPTORS FOR LUG COUPLINGS

Aluminium Fixed Lug Adaptors Male x Male BSP



Competitively priced light alloy lugged male x male BSPP 'nipples'. Perfect for joining lengths of hose with swivel female ends.

PART#	SIZE
1.5mX1.5mAL	1-½m x 1-½m
2mX1.5mAL	2m x 1-½m
2mX2mAL	2m x 2m
2.5mX2mAL	2-½m x 2m
2.5mX2.5mAL	2-½m x 2-½m
3mX2.5mAL	3m x 2-½m
3mX3mAL	3m x 3m
4mX3mAL	4m x 3m
4mX4mAL	4m x 4m

Stainless Steel Fixed Lug Adaptors Male x Female BSP



316 Stainless Steel lugged male BSP x Female BSP reducing/ enlarger adaptors. Very popular with tanker fleets. Female side supplied with leather washer.

Always check seal compatibility with conveyant, temperature and pressure.

PART#	SIZE
1.5mX2FSS	1-½m x 2F
1.5mX2.5FSS	1-½m x 2-½F
2mX1.5FSS	2m x 1-½F
2mX2FSS	2m x 2F
2mX2.5FSS	2m x 2-½F
2mX3FSS	2m x 3F
2.5mX2FSS	2-½m x 2F
2.5mX3FSS	2-½m x 3F
3mX2FSS	3m x 2F
3mX4FSS	3m x 4F

Stainless Steel Fixed Lug Adaptors Male x Male BSP



316 Stainless Steel lugged male to male adaptor with BSP parallel threads. Perfect for joining lengths of hose with female swivel couplings.

PART#	SIZE
1.5m x 1.5m SS	1-½m x 1-½m
2m x 1.5m SS	2m x 1-½m
2m x 2m SS	2m x 2m
2.5m x 2m SS	2-½m x 2m
2.5m x 2.5m SS	2-½m x 2-½m
3m x 2.5m SS	3m x 2-½m
3m x 3m SS	3m x 3m
4m x 3m SS	4m x 3m
4m x 4m SS	4m x 4m

ADAPTORS FOR LUG COUPLINGS

Stainless Steel Adaptors URT x BSP

Integraflex can fabricate and supply a wide range of 316 adaptors to join dissimilar threaded components e.g. URT female x BSP male. This can also include enlarged and reduced sizes e.g. 4" URT female x 3" BSP male.



CONTACT US FOR INFORMATION

Polypropylene Adaptors

Lightweight and chemical resistant polyprop adaptors in both BSP and URT. Other options available on request.



PART#	SIZE
36427	4" URT FEMALE X 3" BSP MALE
36428	4" URT FEMALE X 3" URT MALE

Stainless Steel Female Blanking Caps c/w chain

316 Stainless steel lugged female threaded blanking caps c/w leather washer. Ideal for preventing drips from hose couplings and male threaded components on plant or vehicles.



PART#	SIZE	PART#	SIZE
BC50SS	1/2"	BC300SS	3"
BC75SS	3/4"	BC400SS	4"
BC100SS	1"		
BC125SS	1.1/4"		
BC150SS	1.1/2"		
BC200SS	2"		
BC250SS	2.1/2"		

Aluminium Female Blanking cap c/w chain

Lightweight and cost effective female blank cap. Do not use on aggressive chemicals or solvents.



PART#	SIZE	PART#	SIZE
BC050AL	1/2"	BC300AL	3"
BC075AL	3/4"	BC400AL	4"
BC100AL	1"		
BC125AL	1.1/4"		
BC150AL	1.1/2"		
BC200AL	2"		
BC250AL	2.1/2"		

Polypropylene Female Blanking cap c/w chain



Chemical resistant & cost effective BSP female threaded protective cap c/w brass chain.

PART#	SIZE	PART#	SIZE
BC150PP	1.1/2"	BC300PP	3"
BC200PP	2"	BC400PP	4"
BC250PP	2.1/2"		

Polypropylene Male Blanking Plug URT



Chemical resistant URT male threaded protective drip plug for use on URT female threaded hose couplings

PART#	SIZE
BP300PP URT	3"
BP400PP URT	4"

Polypropylene Male Blanking Plug BSP



Chemical resistant & cost effective BSP male threaded protective drip plug for use on female threaded hose couplings

Part#	Size	Col.	Part#	Size	Col.
G90059T	2-1/2"	Blue	G90060T	3"	Blue
G90055T	2-1/2"	Red	G90056T	3"	Red
G90034T	2-1/2"	White	G90035T	3"	White

Polypropylene Female URT Blanking Cap



Chemical resistant URT female threaded protective drip plug for use on URT male threaded hose couplings

PART#	SIZE
BC300PP URT	3"
BC400PP URT	4"

FLANGED HOSETAILS & HOSE MENDERS

Fixed Flanged Hosetails come in both carbon steel & stainless steel versions complete with serrated hoesetail suitable for industrial hose. a wide variety of flanges can be offered ranging from Table D/E, ASA 150 & PN16.

Swivel Flanges also available, as well as 316 duplex / superduplex, hastalloy etc.

Serrated Hose Joiner / Mender Can be offered in Mild Steel, Brass, Aluminium & 316 Stainless Steel.

FLANGED HOSETAILS



Mild Steel Fixed Flange x Serrated Hosetail

Carbon steel A105 fixed flange complete with serrated hosetail suitable for Industrial hose.

Swivel flanges also available.

SIZE	TABLE D/E	ASA 150	PN16
3/4"	75FDE	75FA	75FP
1"	100FDE	100FA	100FP
1.1/4"	125FDE	125FA	125FP
1.1/2"	150FDE	150FA	150FP
2"	200FDE	200FA	200FP
2.1/2"	250FDE	250FA	250FP
3"	300FDE	300FA	300FP
4"	400FDE	400FA	400FP
5"	500FDE	500FA	500FP
6"	600FDE	600FA	600FP
8"	800FDE	800FA	800FP
10"	1000FDE	1000FA	1000FP
12"	1200FDE	1200FA	1200FP



Stainless Steel Fixed Flange x Serrated Hosetail

304 Stainless steel fixed flange complete with serrated hosetail suitable for Industrial hose.

Swivel flanges also available, as well as 316, Duplex/Superduplex, Hastalloy etc..

SIZE	TABLE D/E	ASA 150	PN16
1"	S100FDE	S100FA	S100FP
1.1/4"	S125FDE	S125FA	S125FP
1.1/2"	S150FDE	S150FA	S150FP
2"	S200FDE	S200FA	S200FP
2.1/2"	S250FDE	S250FA	S250FP
3"	S300FDE	S300FA	S300FP
4"	S400FDE	S400FA	S400FP
6"	S600FDE	S600FA	S600FP

HOSE MENDERS

Mild Steel Serrated Hose Joiner/Mender



Part #	Size	Part #	Size
HM50	Steel (Plated) 1/2"	HM300	Steel (Plated) 3"
HM58	Steel (Plated) 5/8"	HM400	Steel (Plated) 4"
HM75	Steel (Plated) 3/4"	HM500	Steel (Plated) 5"
HM100	Steel (Plated) 1"	HM600	Steel (Plated) 6"
HM125	Steel (Plated) 1-1/4"	HM800	Steel (Plated) 8"
HM150	Steel (Plated) 1-1/2"	HM1000	Steel (Plated) 10"
HM200	Steel (Plated) 2"	HM1200	Steel (Plated) 12"
HM250	Steel (Plated) 2-1/2"		

316 Stainless Steel Hose Joiner/Mender



Part #	Size	Part #	Size
SHM50	St/Steel 1/2"	SHM250	St/Steel 2-1/2"
SHM58	St/Steel 5/8"	SHM300	St/Steel 3"
SHM75	St/Steel 3/4"	SHM400	St/Steel 4"
SHM100	St/Steel 1"	SHM500	St/Steel 5"
SHM125	St/Steel 1-1/4"	SHM600	St/Steel 6"
SHM150	St/Steel 1-1/2"	SHM800	St/Steel 8"
SHM200	St/Steel 2"		

Brass Serrated Hose Joiner/Mender



Part #	Size
42201	Brass 1/4"
42202	Brass 3/8"
42203	Brass 1/2"
42204	Brass 3/4"
42205	Brass 1"

Aluminium Serrated Hose Joiner/Mender



Part #	Size
42209	Aluminium 1-1/4"
42210	Aluminium 1-1/2"
42211	Aluminium 2"
42212	Aluminium 2-1/2"
42213	Aluminium 3"
42214	Aluminium 4"
42219	Aluminium 5"
42220	Aluminium 6"

STEEL COMBINATION NIPPLES

Stainless Steel BSPT Combination Nipple



316 Stainless Steel combination nipple with BSP taper male thread and serrated tailpiece.
NPT versions also available- speak to Integraflex

PART#	SIZE	PART#	SIZE
KC050S	1/2"	KC300S	3"
KC075S	3/4"	KC400S	4"
KC100S	1"	KC500S	5"
KC125S	1-1/4"	KC600S	6"
KC150S	1-1/2"	KC800S	8"
KC200S	2"	KC1000S	10"
KC250S	2-1/2"	KC1200S	12"

Mild Steel BSPT Combination Nipple



Zinc plated mild Steel combination nipple with BSP taper male thread and serrated tailpiece.
NPT versions also available- speak to Integraflex

PART#	SIZE	PART#	SIZE
KC050	1/2"	KC300	3"
KC075	3/4"	KC400	4"
KC100	1"	KC500	5"
KC125	1-1/4"	KC600	6"
KC150	1-1/2"	KC800	8"
KC200	2"	KC1000	10"
KC250	2-1/2"	KC1200	12"

Stainless Steel Weld Type Combination Nipple



316 Stainless Steel combination nipple with plain unthreaded weld end and serrated tailpiece.

PART#	SIZE	PART#	SIZE
PKC050S	1/2"	PKC300S	3"
PKC075S	3/4"	PKC400S	4"
PKC100S	1"	PKC500S	5"
PKC125S	1 1/4"	PPK600S	6"
PKC150S	1 1/2"	PKC800S	8"
PKC200S	2"	PKC1000S	10"
PKC250S	2 1/2"	PKC1200S	12"

Mild Steel Weld Type Combination Nipple



Uncoated mild steel combination nipple with plain unthreaded weld end and serrated tailpiece

PART #	SIZE	PART #	SIZE
PKC050	1/2"	PKC300	3"
PKC075	3/4"	PKC400	4"
PKC100	1"	PKC500	5"
PKC125	1 1/4"	PK600	6"
PKC150	1 1/2"	PKC800	8"
PKC200	2"	PKC1000	10"
PKC250	2 1/2"	PKC1200	12"



HOSE FITTINGS

WHIPCHECK SAFETY CABLES

Whipcheck Safety Cables are available in two cable diameters and a number of different configurations. Whipcheck offer additional safety for compressor hoses in enclosed or critical environments.

A Hi-Viz Whipcheck is also available.

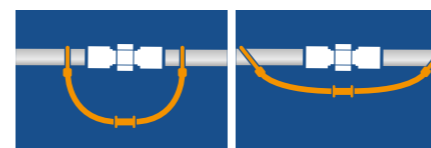
Whipcheck safety cables offer additional safety for compressor hoses in enclosed or critical environment.

Whipcheck safety cables have been used for many years on air compressor hoses to prevent hose ends from 'whipping' if the coupling blows out of the hose.

Whipcheck safety cables are available in 1/8" (3.2mm) and 1/4" (6.35mm) cable diameters and in two basic configurations - hose to hose and hose to tool. Hose to Hose are used at the joint between two hose assemblies. Hose to Tool are used at the junction between the hose and the tool but are also very important at the compressor end. The compressed gas can be very hot causing the hose to soften which in turn can lead to an increased possibility of failure.

FITTING

Fitting the Whipcheck safety cables correctly is critical to their performance. The loop ends should be placed as far down the hose as possible. With the Hose to Hose type, the ferrule in the centre of the Whipcheck should lay at the same point as the joint between the two hoses.



WRONG! **CORRECT!**

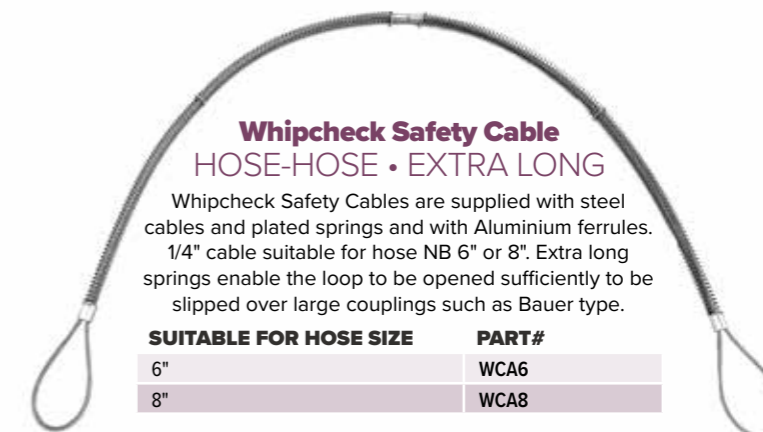
The standard materials of construction are galvanised steel wire, plated steel springs and aluminium ferrules. However, Whipcheck are available in a variety of different styles including Stainless Steel and copper ferrules for marine and applications where the risk of the steel cables sparking is not acceptable.

A Hi-Viz Whipcheck is also available where the steel cable is coated in a PVC.

We also supply large whip check for 4", 6" and 8"nb hose.

We can also offer non-standard versions, made to customer specification, if large quantities are required.

NIPPLES & WHIPCHECKS



Whipcheck Safety Cable HOSE-HOSE • EXTRA LONG

Whipcheck Safety Cables are supplied with steel cables and plated springs and with Aluminium ferrules. 1/4" cable suitable for hose NB 6" or 8". Extra long springs enable the loop to be opened sufficiently to be slipped over large couplings such as Bauer type.

SUITABLE FOR HOSE SIZE	PART#
6"	WCA6
8"	WCA8



Whipcheck Safety Cable HOSE-HOSE • STEEL & ALUMINIUM

Whipcheck Safety Cables are supplied with steel cables and plated springs and with Aluminium ferrules. 1/8" cable.

FOR HOSE SIZE	PART#
1/2" - 1 1/4"	WCB1
1 1/2" - 3"	WCA2
4"	WCA3



Whipcheck Safety Cable HOSE-TOOL

Whipcheck Safety Cables are supplied with steel cables and plated springs and with Aluminium ferrules. 1/8" cable. The tool end of the 'Whipcheck' is attached to the tool or compressor/pump using a simple shackle

FOR HOSE SIZE	PART#
1/2" - 1 1/4"	WCAHT01
1 1/2" - 3"	WCAHT02



Whipcheck Safety Cable HOSE-HOSE • STAINLESS STEEL

Whipcheck hose -to- hose Safety Cables with stainless steel cables and springs and ferrules. 1/8" cable. Suitable for environments such as Offshore, Marine, and chemical processing where corrosion resistance is important.

FOR HOSE SIZE	PART#
1/2" - 1 1/4"	WCS1
1 1/2" - 3"	WCS2



Whipcheck Safety Cable HOSE-HOSE • COPPER FERRULE

Whipcheck hose -to- hose Safety Cables with steel cables and springs and copper (non-sparking) ferrules. 1/8" cable. Suitable for environments such as Offshore, Marine, chemical processing, mining & tunnelling a non-sparking ferrule is important.

FOR HOSE SIZE	PART#
1/2" - 1 1/4"	WCC1
1 1/2" - 3"	WCC2



Whipcheck Safety Cable HOSE-HOSE • HI-VIZ

Whipcheck Safety Cables are supplied with Hi-Viz orange PVC coated steel cables and plated springs and with Aluminium ferrules. 1/8" cable. Provides a visual reference in safety critical applications.

FOR HOSE SIZE	PART#
1/2" - 1 1/4"	WCHV1
1 1/2" - 3"	WCHV2

FLARED END FITTINGS



Flared End x Hosetail

Painted Mild Steel flared end. Comptible with Unicone fittings. Widely used for bulk transfer of powders, pellets, animal feeds and other abrasive materials. 4" standard size and c/w 4" serrated hose tail

SIZE	PART#
4"	400UNISERR



Lever Clamp For Flared End Couplings

Heavy Duty lever clamp c/w rubber seal. Used for joining two Unicone type couplings.

SIZE	PART#
4"	400UNICLAMP



Flared End x BSP Male

Painted Mild Steel flared end. Comptible with Unicone fittings. Widely used for bulk transfer of powders, pellets, animal feeds and other abrasive materials. 4" standard size and c/w 4" BSP male

SIZE	PART#
4"	400UNIM



Blank Cap For Flared End Couplings

Carbon steel blank cap for Unicone style couplings.

SIZE	PART#
4"	UBC400



Flared End x Weld End

Unpainted Mild Steel flared end. Comptible with Unicone fittings. Widely used for bulk transfer of powders, pellets, animal feeds and other abrasive materials. 4" standard size and c/w 4" weld end.

SIZE	PART#
4"	400UNIW



Food Grade Seal For Flared End Couplings

Drab Food quality replacement rubber seal for use with Unicone 'type' couplings. Also available in other materials.

SIZE	PART#
4"	4UNIB



HOSE FITTINGS

VICTAULIC COUPLINGS

THE ORIGINAL GROOVED COUPLING SYSTEM

GROOVED PIPE JOINING TECHNOLOGY

How does it work?

The groove is cold formed or machined into the pipe end using a grooving tool. The coupling housings, fully surrounding a gasket, are assembled around two grooved pipe ends, and the key sections of the housings engage into the grooves. The bolts and nuts are tightened with a socket wrench or impact wrench.



TYPES OF GROOVED COUPLINGS

- Flexible coupling – allows for controlled linear and angular movement, which accommodates pipeline deflection as well as thermal expansion and contraction.
- Rigid coupling – does not allow for movement, similar to a flanged or welded joint.



UNICORN & VICTAULIC FITTINGS

INSTALLATION READY COUPLINGS



VICTAULIC GROOVED END PIPING SYSTEMS PROVIDE:

At the core of all of the benefits that Victaulic® solutions bring to a project - such as productivity, safety, design flexibility & quality - are the unique features of our products.



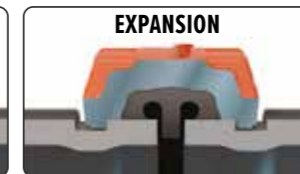
Easy system maintenance and expansion through simple coupling disassembly that allows for easy access.



Alignment ease through a design that allows for full rotation of the pipe and system components before tightening.



CONTRACTION



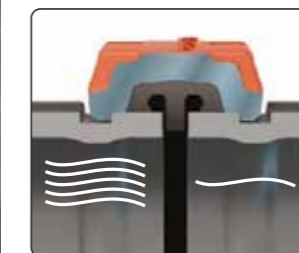
EXPANSION



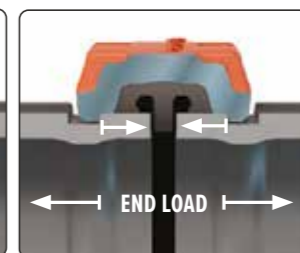
DEFLECTION

Flexibility

with the inherent axial movement and deflection properties of flexible couplings in a groove system. May be used to accommodate pipeline thermal expansion and contraction, misalignment and settlement, and seismic stresses.



Noise and vibration attenuation by isolating the transference of vibration at each joint.



Self restrained pipe joints couplings engage the pipe grooves to hold the pipes against full pressure thrust loads without the need for supplemental restraints.

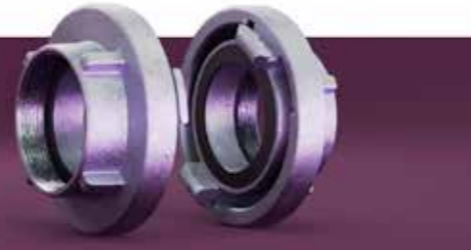


Rigidity with an angled bolt pad design that provides positive clamping of the pipe to resist torsional and flexural loads.



STORZ

Storz couplings symmetrical allowing any two identical couplings to be connected securely and quickly by pushing them together and twisting.



Storz Suction Coupling x BSP Female

Available in Aluminium, Brass and Stainless. Popular DIN fitting in water and powder transfer. Supplied with BSP female thread.



Storz Suction Coupling x Hose Tail

Available in Aluminium, Brass and Stainless. Popular DIN fitting in water and powder transfer. Supplied with ribbed hose tail.



ALU PART	BRASS PART	PIPE THREAD DIN ISO 228	KA/mm Lug Distance
SF1	SF1BR	1/2"	31
SF2	SF2BR	3/4"	31
SF3	SF3BR	1"	31
SF4	SF4BR	1"	44
SF5	SF5BR	1.1/4"	44
SF6	SF6BR	1.1/2"	52
SF7	SF7BR	2"	52
SF8	SF8BR	1"	66
SF9	SF9BR	1.1/4"	66
SF10	SF10BR	1.1/2"	66
SF11	SF11BR	2"	66
SF12	SF12BR	2.1/2"	66
SF13	SF13BR	2"	81
SF14	SF14BR	2.1/2"	81
SF15	SF15BR	2"	89
SF16	SF16BR	2.1/2"	89
SF17	SF17BR	3"	89
SF18	SF18BR	3"	105
SF19	SF19BR	4"	115
SF20	SF20BR	4"	133
SF21	SF21BR	4.1/2"	133
SF22	SF22BR	5"	148
SF23	SF23BR	6"	160
SF24	SF24BR	6"	188
SF26	SF26BR	8"	220

ALU PART	BRASS PART	NORMAL SIZE	D/mm	KA/mm	L/mm
ST1	ST1BR	STORZ 25	25	31	50
ST2	ST2BR	STORZ 32	19	44	65
ST3	ST3BR	STORZ 32	25	44	65
ST4	ST4BR	STORZ 32	32	44	75
ST5	ST5BR	STORZ 38	38	52	75
ST6	ST6BR	STORZ 52	25	66	90
ST7	ST7BR	STORZ 52	32	66	90
ST8	ST8BR	STORZ 52	45	66	90
ST9	ST9BR	STORZ 52	52	66	90
ST10	ST10BR	STORZ 52	60	66	125
ST11	ST11BR	STORZ 65	65	81	9
ST12	ST12BR	STORZ 75	65	89	125
ST13	ST13BR	STORZ 75	70	89	95
ST14	ST14BR	STORZ 75	75	89	125
ST15	ST15BR	STORZ 75	80	89	135
ST16	ST16BR	STORZ 90	90	105	150
ST17	ST17BR	STORZ 100	100	115	120
ST18	ST18BR	STORZ 110	100	133	170
ST19	ST19BR	STORZ 110	110	148	170
ST20	ST20BR	STORZ 125	125	159	196
ST21	ST21BR	STORZ 135	135	160	196
ST22	ST22BR	STORZ 150	150	188	180
ST23	ST23BR	STORZ 165	150	133	275
ST24	ST24BR	STORZ 205	205	220	375



Storz Suction Coupling x BSPP Male

Available in Aluminium, Brass and Stainless. Popular DIN fitting in water and powder transfer. Supplied with BSPP male thread

ALU PART	BRASS PART	PIPE THREAD DIN ISO 228	KA/mm Lug Distance
SM1	SM1BR	1"	31
SM2	SM2BR	1"	44
SM3	SM3BR	1.1/4"	44
SM4	SM4BR	1.1/2"	52
SM5	SM5BR	1.1/4"	66
SM6	SM6BR	1.1/2"	66
SM7	SM7BR	2"	66
SM8	SM8BR	2.1/2"	81
SM9	SM9BR	2.1/2"	89
SM10	SM10BR	3"	89
SM11	SM11BR	4"	133



Storz Aluminium Swivel Reducer

For connecting dissimilar Storz fittings

PART#	KA + KA mm
SS1	66/31
SS2	89/66
SS3	133/89
SSP	STORZ SPANNER

Storz Aluminium Fixed Reducer

For connecting dissimilar Storz fittings



PART#	KA + KA mm
SR1	66/52
SR2	66/44
SR3	81/66
SR4	89/81
SR5	105/89
SR6	115/89
SR7	133/115
SR8	148/133
SR9	160/133
SSP	STORZ SPANNER



Storz Brass Swivel Reducer

For connecting dissimilar Storz fittings

PART#	KA + KA mm
SS1BR	66/31
SS2BR	89/66
SS3BR	133/89
SSP	STORZ SPANNER



Storz Brass Fixed Reducer

For connecting dissimilar Storz fittings

PART#	KA + KA mm
SR1BR	66/52
SR2BR	66/44
SR3BR	81/66
SR4BR	89/81
SR5BR	105/89
SR6BR	115/89
SR7BR	133/115
SR8BR	148/133
SR9BR	160/133
SSP	STORZ SPANNER

Storz Aluminium Blank Cap & Chain

Storz blanking cap & chain.



PART	KA + KA mm
SB1	31
SB2	44
SB3	52
SB4	66
SB5	81
SB6	89
SB7	105
SB8	115
SB9	133
SB10	148
SB11	160
SB12	188
SB13	220
SSP	STORZ SPANNER

Storz Brass Blank Cap & Chain

Storz blanking cap & chain.



PART	KA + KA mm
SB1BR	31
SB2BR	44
SB3BR	52
SB4BR	66
SB5BR	81
SB6BR	89
SB7BR	105
SB8BR	115
SB9BR	133
SB10BR	148
SB11BR	160
SB12BR	188
SB13BR	220
SSP	STORZ SPANNER

THE PERFECT PARTNER

SUPER CLAMPS

SUPEREX & SUPEREXTRA CLAMPS
SEE PAGE 61

GUILLEMIN FITTINGS

Guillemin (Symetrique or Symmetrical) couplings are widely used in Europe for the suction delivery of water, liquids, bulk powders, granules (sugar) and light solids. As the name suggests, both parts of the coupling are identical; there is no male & female part. This symmetrical coupling is closed by turning the locking ring through a quarter turn, and is sealed by tightening the locking ring behind the lugs.

Also available in Brass & Polypropylene on request.

NBR seals as standard on Aluminium & Stainless Steel. Other seal materials such as EPDM, Fluoropolymer and PTFE are also available.

Working Pressure – 16bar.



Aluminium Hose Tail c/w Locking Ring

Part #	Size	Hosetail (mm)
GH2AL	DN50	50
GH3AL	DN80	76
GH4AL	DN100	100



Aluminium BSP Female Adaptor c/w Locking Ring

Part #	Size	Hosetail (mm)
GFL2AL	DN50	2"
GFL300AL	DN80	3"
GFL4AL	DN100	4"



Stainless Steel 316 Hose Tail c/w Locking Ring

Part #	Size	Hosetail (mm)
GH200SS	DN50	50
GH300SS	DN80	76
GH400SS	DN100	100



Stainless Steel 316 BSP Female Adaptor c/w Locking Ring

Part #	Size	Hosetail (mm)
GFL2SS	DN50	2"
GFL3SS	DN80	3"
GFL4SS	DN100	4"



Aluminium BSP Male Adaptor c/w Locking Ring

Part #	Size	Hosetail (mm)
GML2AL	DN50	2"
GML3AL	DN80	3"
GML4AL	DN100	4"



Aluminium Blanking Cap c/w Chain

Part #	Size
GBC200AL	DN50
GBC300AL	DN80
GBC400AL	DN100



Stainless Steel 316 BSP Male Adaptor c/w Locking Ring

Part #	Size	Hosetail (mm)
GML2SS	DN50	2"
GML3SS	DN80	3"
GML4SS	DN100	4"



Stainless Steel 316 Blanking Cap c/w Chain

Part #	Size
GBC200SS	DN50
GBC300SS	DN80
GBC400SS	DN100

TANKWAGON FITTINGS & ACCESSORIES

DIN 28450 Tankwagon hose fittings are a coupling that has been standardized across the road tanker industry.

Introduced over 50 years ago, they are now found across Europe and manufactured to DIN 28450 standards. They are connected by pushing the male and female parts together until they are

interlocked, then closing the handle securing the lugs together and creating a secure joint.

Brass possesses natural germicidal, bactericidal and antimicrobial properties that prevent biofouling. For this reason, they are popular in marine environments and for the transfer of water, salt water

and other fluids that are not for human consumption. Stainless Steel is ideal for chemicals, food grade liquids and products and offers exceptional resistance to corrosion.



Complete Stainless Steel 316 MK Style Coupling c/w Crown & Lever

Part#	Material	Size DN	Thread (BSP)
2MKS	Stainless Steel 316	50	2"
3MKS	Stainless Steel 316	80	3"
4MKS	Stainless Steel 316	100	4"



Complete Brass MK Style Coupling c/w Crown & Lever

Part#	Material	Size DN	Thread (BSP)
2MKB	Brass	50	2"
3MKB	Brass	80	3"
4MKB	Brass	100	4"



Stainless Steel 316 VK Adaptor

Part#	Material	Size DN	Thread (BSP)
2VKS	Stainless Steel 316	50	2"
3VKS	Stainless Steel 316	80	3"
4VKS	Stainless Steel 316	100	4"



Brass VK Adaptor

Part#	Material	Size DN	Thread (BSP)
2VKB	Brass	50	2"
3VKB	Brass	80	3"
4VKB	Brass	100	4"



Stainless Steel 316 MB Blanking Cap For Use with VK Adaptors

Part#	Material	Size DN
2MBS	Stainless Steel 316	50
3MBS	Stainless Steel 316	80
4MBS	Stainless Steel 316	100



Brass MB Blanking Cap For Use with VK Adaptors

Part#	Material	Size DN
2MBB	Brass	50
3MBB	Brass	80
4MBB	Brass	100



Stainless Steel 316 VB Blanking Plug For Use with MK Couplers

Part#	Material	Size DN
2VBS	Stainless Steel 316	50
3VBS	Stainless Steel 316	80
4VBS	Stainless Steel 316	100



Brass VB Blanking Plug For Use with MK Couplers

Part#	Material	Size DN
2VBB	Brass	50
3VBB	Brass	80
4VBB	Brass	100



Spare Moulded Gaskets for MK Crown

Part#	Material	Size DN
2MKG	Green Hypalon	50
3MKG	Green Hypalon	80
4MKG	Green Hypalon	100



Spare Flat Seal for MB Blanking Caps

Part#	Material	Size DN
2MBG	Green Hypalon	50
3MBG	Green Hypalon	80
4MBG	Green Hypalon	100

DIN2817 SMOOTH TAIL FITTINGS

Supplied with a smooth, non-serrated or ridged hose-tail & suitable for hoses with harder XLPE or UHMWPE linings.

The smooth interference fit ensures the hose liner will not be puncture or crack when the coupling is tightened.

Must be used in conjunction with a suitable interlocking DIN 2817(EN ISO 14420) safety clamp to ensure a safe & leakproof assembly.

Typically used on chemical food applications.

NBR gasket as standard (Part C)

Working Pressure 16bar

Brass DIN2817 Male BSPP c/w Smooth Tail



Part#	Material	Hose Tail	Thread BSPP Male
SMBR19	Brass	19mm	3/4"
SMBR25	Brass	25mm	1"
SMBR32	Brass	32mm	1 1/4"
SMBR38	Brass	38mm	1 1/2"
SMBR50	Brass	50mm	2"
SMBR65	Brass	65mm	2 1/2"
SMBR80	Brass	80mm	3"
SMBR100	Brass	100mm	4"

Stainless Steel DIN2817 Male BSPP c/w Smooth Tail



Part#	Material	Hose Tail	Thread BSPP Male
SMSS19	Stainless Steel 316	19mm	3/4"
SMSS25	Stainless Steel 316	25mm	1"
SMSS32	Stainless Steel 316	32mm	1 1/4"
SMSS38	Stainless Steel 316	38mm	1 1/2"
SMSS50	Stainless Steel 316	50mm	2"
SMSS65	Stainless Steel 316	65mm	2 1/2"
SMSS80	Stainless Steel 316	80mm	3"
SMSS100	Stainless Steel 316	100mm	4"

Brass DIN2817 Female BSP c/w Smooth Tail



Part#	Material	Hose Tail	Thread BSP Flat Seat Female
SFBR19	Brass	19mm	3/4"
SFBR25	Brass	25mm	1"
SFBR32	Brass	32mm	1 1/4"
SFBR38	Brass	38mm	1 1/2"
SFBR50	Brass	50mm	2"
SFBR65	Brass	65mm	2 1/2"
SFBR80	Brass	80mm	3"
SFBR100	Brass	100mm	4"

Stainless Steel DIN2817 Female BSPP c/w Smooth Tail



Part#	Material	Hose Tail	Thread BSP Flat Seat Female
SFSS19	Stainless Steel 316	19mm	3/4"
SFSS25	Stainless Steel 316	25mm	1"
SFSS32	Stainless Steel 316	32mm	1 1/4"
SFSS38	Stainless Steel 316	38mm	1 1/2"
SFSS50	Stainless Steel 316	50mm	2"
SFSS65	Stainless Steel 316	65mm	2 1/2"
SFSS80	Stainless Steel 316	80mm	3"
SFSS100	Stainless Steel 316	100mm	4"

SAFETY INTERLOCK CLAMPS EN14420

Designed to be used in conjunction with DIN2817 smooth tail fittings. Split clamps are designed to fit snugly on the hose cover.

Best practice is to use a longer 'slave' bolt initially to pull down the clamp, then use the socket bolts supplied to tighten the clamp so that there is a uniform small gap visible between the top and bottom clamp.

Do not have uneven clamping force. If the two parts of the clamp touch, it is probably too large for the hose O.D. and needs changing for a smaller version.

The design ensures a mechanical lock between the clamp and the specially designed safety retaining collar on the DIN2817 coupling. The internal ribs of the clamp are designed to 'bite' into the hose cover when tightened without damaging it, but offer a very secure and proven safe method of attachment.



Part#	Material	DN	Clamp Size	Size Range (mm)
DC13AL	Aluminium	13	13 x 6	22-24
DC19AL	Aluminium	19	19 x 6	30-33
DC25AL	Aluminium	25	25 x 6	36-39
DC32AL	Aluminium	32	32 x 6	43-46
DC38AL	Aluminium	38	38 x 6.5	50-53
DC50AL	Aluminium	50	50 x 8	63-67
DC65AL	Aluminium	65	65 x 7	78-82
DC75AL	Aluminium	75	75 x 8	89-93
DC100AL	Aluminium	100	100 x 8	114-119



Part#	Material	DN	Clamp Size	Size Range (mm)
DC13SS	Stainless Steel	13	13 x 6	22-24
DC19SS	Stainless Steel	19	19 x 6	30-33
DC25SS	Stainless Steel	25	25 x 6	36-39
DC32SS	Stainless Steel	32	32 x 6	43-46
DC38SS	Stainless Steel	38	38 x 6.5	50-53
DC50SS	Stainless Steel	50	50 x 8	63-67
DC65SS	Stainless Steel	65	65 x 7	78-82
DC75SS	Stainless Steel	75	75 x 8	89-93
DC100SS	Stainless Steel	100	100 x 8	114-119

INSTANTANEOUS COUPLINGS & ACCESSORIES

COUPLINGS
NOZZLES
HYDRANTS
RAMPS



Aluminium BS336 Hose Tail

Part#	DESCRIPTION
1F	Female (2 1/2") X 1 1/2" Hose Tail
2F	Female (2 1/2") X 1 3/4" Hose Tail
3F	Female (2 1/2") X 2" Hose Tail
4F	Female (2 1/2") X 2 1/2" Hose Tail

Part#	DESCRIPTION
1M	Male (2 1/2") X 1 1/2" Hose Tail
2M	Male (2 1/2") X 1 3/4" Hose Tail
3M	Male (2 1/2") X 2" Hose Tail
4M	Male (2 1/2") X 2 1/2" Hose Tail

Aluminium M/F BS336

Part#	DESCRIPTION
2FXM	Female BS336 (2 1/2") X 1 1/2" BSPP Male
13FXM	Female BS336 (2 1/2") X 2" BSPP Male
14FXM	Female BS336 (2 1/2") X 2 1/2" BSPP Male

Aluminium F/F BS336

Part#	DESCRIPTION
2FXF	Female BS336 (2 1/2") X 1 1/2" BSPP Female
13FXF	Female BS336 (2 1/2") X 2" BSPP Female
14FXF	Female BS336 (2 1/2") X 2 1/2" BSPP Female

Aluminium M/M BS336

Part#	DESCRIPTION
24MXM	Male BS336 (2 1/2") X 1 1/2" BSPP Male
25MXM	Male BS336 (2 1/2") X 2" BSPP Male
26MXM	Male BS336 (2 1/2") X 2 1/2" BSPP Male

Aluminium M/F BS336

Part#	DESCRIPTION
30MXF	Male BS336 (2 1/2") X 1 1/2" BSPP Female
31MXF	Male BS336 (2 1/2") X 2" BSPP Female
32MXF	Male BS336 (2 1/2") X 2 1/2" BSPP Female

Aluminium Blank Plug & Chain

Part#	DESCRIPTION
37	Male BS336 (2 1/2") Blank Plug & Chain

NOZZLES & JET SPRAYS

1 Aluminium Lever Operated Jet Spray

2 Plastic & Aluminium Lever Operated Jet Spray

3 Aluminium Diffuser Nozzle

Part#	DESCRIPTION
206	Aluminium Lever Operated Jet Spray x 2 1/2" BS336 Inst Male
207	Plastic & Aluminium Lever Operated Jet Spray x 2 1/2" BS336 Inst Male
204	Aluminium Diffuser Nozzle x 2 1/2" BS336 Inst Male

Aluminium Single Head Swivel Standpipe

Aluminium Double Head Swivel Standpipe

Aluminium Single Head Anti-Siphon Standpipe

Part#	DESCRIPTION	Part#	DESCRIPTION	Part#	DESCRIPTION
42	Aluminium Single Head Swivel Standpipe - Female Hydrant Round Thread x BS336 Female Outlet	43	Aluminium Double Head Swivel Standpipe - Female Hydrant Round Thread x BS336 Female Outlet	44	Aluminium Single Head Anti-Siphon Standpipe c/w Brass Double Check Valve Female Hydrant Round Thread x BS336 Female Outlet

HYDRANT KEYS

Light Alloy Hydrant Key & Bar

80 Light Alloy Hydrant Key & Bar (2 Piece)

Steel Hydrant Key & Bar

81 Steel Hydrant Key & Bar

HOSE & CABLE RAMPS



Ramp 1

SIZE	850mm wide x 300mm wide x 84mm wide channel.
CHANNEL DEPTH	70mm
USAGE	Suitable for 2 1/2" layflat fire hoses
MAX LOAD	44 tonnes



Ramp 2

SIZE	850mm wide x 300mm wide x 125mm height c/w 102mm wide channel
CHANNEL HEIGHT	105mm
USAGE	Suitable for large diameter hoses with OD>100mm
MAX LOAD	44 tonnes



Ramp 3

SIZE	820mm wide x 310mm wide x 102mm height c/w 102mm wide channel
CHANNEL HEIGHT	94mm
USAGE	Suitable for large diameter hoses with OD>94mm
MAX LOAD	44 tonnes

MALLEABLE IRON CLAMPS



Malleable Iron Plain Clamp

Malleable Iron 2 bolt clamp c/w spacers. For use with low pressure water/air applications.

PART#	SIZE
DIDB22	17-22mm
DIDB29	22-29mm
DIDB34	27-32mm
DIDB40	32-40mm
DIDB49	39-49mm
DIDB60	48-60mm
DIDB76	60-76mm
DIDB94	77-94mm
DIDB115	94-115mm
DIDB400	88-96mm
DIDB463	98-103mm
DIDB525	103-125mm
DIDB550	114-128mm
DIDB600	130-144mm
DIDB675	151-165mm
DIDB769	165-192mm
DIDB818	195-208mm
DIDB875	210-225mm
DIDB988	227-239mm
DIDB1125	252-289mm
DIDB1275	300-330mm
DIDB1450	335-381mm



Malleable Iron Safety Claw Clamp

Malleable Iron 2 bolt clamps with interlocking safety claws. Use in conjunction with hose couplings with safety collars. Suitable for higher pressure air/ water.

NOT SUITABLE FOR USE ON STEAM

PART#	SIZE
38101	23-27mm
38102	28-32mm
38109	30-35mm
38104	45-53mm
38106	55-60mm
38105	60-76mm
38112	86-102mm



Ludecke SK Safety Claw Clamps.

Malleable Iron. Proven Ludecke safe design in accordance with DIN20039 B. Supplied with spacers. For use with higher pressure air/ water. Working pressure 25bar.

NOT SUITABLE FOR USE ON STEAM

PART#	SIZE
SK29	22-29mm
SK34	28-32mm
SK39	35-42mm
SK44	42-45mm
SK51	45-53mm
SK60	55-60mm
SK73	60-73mm
SK75	86-102mm

CAN'T FIND WHAT YOU NEED?

our full range is online at www.integraflex.co.uk



HOSE FITTINGS

SUPEREX CLAMPS

ZINC PLATED MILD STEEL

Superex Heavy Duty Steel Bolt Clamp W1 – Zinc Plated Mild Steel

Dia Size (mm)	Band Width (mm)	Band Thickness (mm)	Bolt Size	Torque Setting (Nm)
17-28	18	0.6	M5	4.5
29-43	20	0.8	M6	8
44-67	22	1.2	M7	16
68-130	24	1.5	M8	25
131-252	26	1.5	M10	50

- Ideal for securing hose couplings into PVC & Rubber hoses in the workshop or on-site.
- W1 specification means min 72 hours corrosion resistance in salt spray testing
- Smooth underside and rolled band edges designed to prevent damage to the hose cover when tightened
- High strength 8.8 grade T-Bolt ensures optimum torque when tightened
- Super clamp features 3 welding points for increased strength and security
- Recommended torque settings below

PART#	DESCRIPTION
MK1719	17-19mm Superex HD Clamp W1
MK2022	20-22mm Superex HD Clamp W1
MK2325	23-25mm Superex HD Clamp W1
MK2628	26-28mm Superex HD Clamp W1
MK2931	29-31mm Superex HD Clamp W1
MK3235	32-35mm Superex HD Clamp W1
MK3639	36-39mm Superex HD Clamp W1
MK4043	40-43mm Superex HD Clamp W1
MK4447	44-47mm Superex HD Clamp W1
MK4851	48-51mm Superex HD Clamp W1
MK5255	52-55mm Superex HD Clamp W1
MK5659	56-59mm Superex HD Clamp W1
MK6063	60-63mm Superex HD Clamp W1
MK6467	64-67mm Superex HD Clamp W1
MK6873	68-73mm Superex HD Clamp W1
MK7479	74-79mm Superex HD Clamp W1
MK8085	80-85mm Superex HD Clamp W1
MK8691	86-91mm Superex HD Clamp W1
MK9297	92-97mm Superex HD Clamp W1
MK98103	98-103mm Superex HD Clamp W1
MK104112	104-112mm Superex HD Clamp W1
MK113121	113-121mm Superex HD Clamp W1
MK122130	122-130mm Superex HD Clamp W1
MK131139	131-139mm Superex HD Clamp W1
MK140148	140-148mm Superex HD Clamp W1
MK149161	149-161mm Superex HD Clamp W1
MK162174	162-174mm Superex HD Clamp W1
MK175187	175-187mm Superex HD Clamp W1
MK188200	188-200mm Superex HD Clamp W1
MK201213	201-213mm Superex HD Clamp W1
MK214226	214-226mm Superex HD Clamp W1
MK227239	227-239mm Superex HD Clamp W1
MK240252	240-252mm Superex HD Clamp W1

MALLEABLE IRON & SUPEREX CLAMPS



STAINLESS STEEL

Superex Heavy Duty Steel Bolt Clamp W4 – 304 Stainless Steel

Dia Size (mm)	Band Width (mm)	Band Thickness (mm)	Bolt Size	Torque Setting (Nm)
17-28	18	0.6	M5	4.5
29-43	20	0.8	M6	8
44-67	22	0.8	M6	16
68-130	24	1	M8	25
131-252	26	1	M10	50

- Ideal for securing hose couplings into PVC & Rubber hoses in the workshop or on-site.
- W4 specification means min 240 hours corrosion resistance in salt spray testing
- Ideal for marine, agricultural, chemical and corrosive environments
- Smooth underside and rolled band edges designed to prevent damage to the hose cover when tightened
- High strength 8.8 grade T-Bolt ensures optimum torque when tightened
- Super clamp features 3 welding points for increased strength and security
- Recommended torque settings below

PART#	DESCRIPTION
MK1719SS	17-19mm Superex HD Clamp W4
MK2022SS	20-22mm Superex HD Clamp W4
MK2325SS	23-25mm Superex HD Clamp W4
MK2628SS	26-28mm Superex HD Clamp W4
MK2931SS	29-31mm Superex HD Clamp W4
MK3235SS	32-35mm Superex HD Clamp W4
MK3639SS	36-39mm Superex HD Clamp W4
MK4043SS	40-43mm Superex HD Clamp W4
MK4447SS	44-47mm Superex HD Clamp W4
MK4851SS	48-51mm Superex HD Clamp W4
MK5255SS	52-55mm Superex HD Clamp W4
MK5659SS	56-59mm Superex HD Clamp W4
MK6063SS	60-63mm Superex HD Clamp W4
MK6467SS	64-67mm Superex HD Clamp W4
MK6873SS	68-73mm Superex HD Clamp W4
MK7479SS	74-79mm Superex HD Clamp W4
MK8085SS	80-85mm Superex HD Clamp W4
MK8691SS	86-91mm Superex HD Clamp W4
MK9297SS	92-97mm Superex HD Clamp W4
MK98103SS	98-103mm Superex HD Clamp W4
MK104112SS	104-112mm Superex HD Clamp W4
MK113121SS	113-121mm Superex HD Clamp W4
MK122130SS	122-130mm Superex HD Clamp W4
MK131139SS	131-139mm Superex HD Clamp W4
MK140148SS	140-148mm Superex HD Clamp W4
MK149161SS	149-161mm Superex HD Clamp W4
MK162174SS	162-174mm Superex HD Clamp W4
MK175187SS	175-187mm Superex HD Clamp W4
MK188200SS	188-200mm Superex HD Clamp W4
MK201213SS	201-213mm Superex HD Clamp W4
MK214226SS	214-226mm Superex HD Clamp W4
MK227239SS	227-239mm Superex HD Clamp W4
MK240252SS	240-252mm Superex HD Clamp W4

SUPEREXTRA CLAMPS



MILD STEEL

Superextra Double Bolt Band Clamp

- Double band offers excellent torque & clamping retention on hard wall rubber & PVC hoses
- Band width 20mm > 71mm, 25mm from 66-231mm
- Double socket head bolts ensure improved tensile strength & consistent clamping force
- Also available in W4 (304 stainless) & W5 (316 stainless) for marine & offshore applications where resistance to corrosion is critical.

CODE	DESCRIPTION	MATERIAL	TYPE	BAND WIDTH
38701	* BZP 2 Bolt Clamp W1 41-51	W1	SD	20
38702	* BZP 2 Bolt Clamp W1 46-56	W1	SD	20
38703	* BZP 2 Bolt Clamp W1 51-61	W1	SD	20
38704	* BZP 2 Bolt Clamp W1 56-66	W1	SD	20
38705	* BZP 2 Bolt Clamp W1 61-71	W1	SD	20
38706	* BZP 2 Bolt Clamp W1 66-76	W1	D	25
38707	* BZP 2 Bolt Clamp W1 71-81	W1	D	25
38708	* BZP 2 Bolt Clamp W1 76-86	W1	D	25
38709	* BZP 2 Bolt Clamp W1 81-91	W1	D	25
38710	* BZP 2 Bolt Clamp W1 86-96	W1	D	25
38711	* BZP 2 Bolt Clamp W1 91-101	W1	D	25
38712	* BZP 2 Bolt Clamp W1 96-106	W1	D	25
38713	* BZP 2 Bolt Clamp W1 101-111	W1	D	25
38714	* BZP 2 Bolt Clamp W1 106-116	W1	D	25
38715	* BZP 2 Bolt Clamp W1 111-121	W1	D	25
38716	* BZP 2 Bolt Clamp W1 116-126	W1	D	25
38717	* BZP 2 Bolt Clamp W1 121-131	W1	D	25
38718	* BZP 2 Bolt Clamp W1 131-141	W1	D	25
38719	* BZP 2 Bolt Clamp W1 141-151	W1	D	25
38720	* BZP 2 Bolt Clamp W1 151-161	W1	D	25
38721	* BZP 2 Bolt Clamp W1 161-171	W1	D	25
38722	* BZP 2 Bolt Clamp W1 171-181	W1	D	25
38723	* BZP 2 Bolt Clamp W1 181-191	W1	D	25
38724	* BZP 2 Bolt Clamp W1 191-201	W1	D	25
38725	* BZP 2 Bolt Clamp W1 201-211	W1	D	25
38726	* BZP 2 Bolt Clamp W1 211-221	W1	D	25
38727	* BZP 2 Bolt Clamp W1 221-231	W1	D	25

*Mild Steel

BANDIMEX BUCKLE SYSTEM

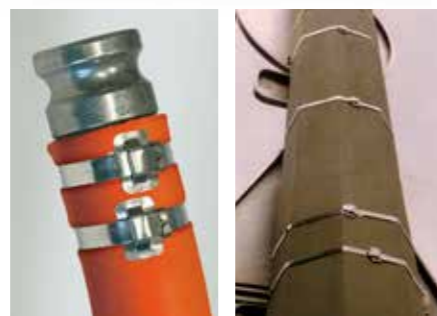
- Versatile Stainless Steel band & buckle system.
- Can be used in the workshop or on-site with minimal training.
- This system offers excellent coupling retention when used on hard & soft wall rubber & PVC hoses
- Ideal for low-medium pressure applications such as wire-armoured suction hoses , PVC layflat assemblies & Creaflex/Heliflex type PVC assemblies
- Simple to use tool tensions and cuts the band-it type strapping
- Clamp lugs are hammered down to retain tension on the band.
- Supplied in 304 stainless steel for strength and resistance to corrosion. Other grades including 316 are available
- Supplied in 30m(100ft) box dispensers, which keeps the band neat & tidy. Only pull out what you need to use.
- We recommend using a double band on hard wall hoses for extra torque and retention.
- Proven technology that has been used safely on countless hose assemblies.



Bandimex Combination Tool

Industrial grade forged steel tool for tensioning & cutting Bandimex strapping. Suitable for use with band from 1/4" to 3/4" band width.

Part #	Description
W001	Bandimex Combination Tool



Pre-formed Clamp Adaptor

For use with W001 Combination tool. Allows tool to tension pre-formed Bandimex clamps.

Part #	Description
V001	Pre-formed Clamp Adaptor

Bandimex 304 Stainless Band Strapping

Supplied in 30m(100') roll. Ideal for low- medium pressure applications such as wire- armoured suction hoses , PVC layflat assemblies & Creaflex/ Heliflex type PVC assemblies.



Part#	Width	Thickness	Weight
B 202	6,4 mm – 14"	0,50 mm – .020"	0.8 kg
B 203	9,5 mm – 38"	0,64 mm – .025"	1.5 kg
B 204	12,7 mm – 12"	0,75 mm – .030"	2.3 kg
B 205	16,0 mm – 58"	0,75 mm – .030"	2.9 kg
B 206	19,0 mm – 34"	0,75 mm – .030"	3.4 kg

Bandimex 304 Stainless Band Buckles

For use with Bandimex strapping. Supplied in boxes of 100. Clamp lugs are hammered down to retain tension on the band



Part#	Width	Thickness	Weight
B 202	6,4 mm – 14"	0,50 mm – .020"	0.8 kg
B 203	9,5 mm – 38"	0,64 mm – .025"	1.5 kg
B 204	12,7 mm – 12"	0,75 mm – .030"	2.3 kg
B 205	16,0 mm – 58"	0,75 mm – .030"	2.9 kg
B 206	19,0 mm – 34"	0,75 mm – .030"	3.4 kg

Bandimex 304 Preformed Clamps

Supplied with the buckle already fitted. Simply tension using the W001/ V001 adaptor and hammer the clamp down to effect a very secure clamp. Ideal for production lines or when consistent sized hose or pipe is being used.



Part#	I.D (mm)	I.D (inch)	Width (mm)	Thickness (mm)	Box Qty
V203	25mm	1	12.7	0.75mm	100
V204	32mm	1 ¼	12.7	0.75mm	100
V232	38mm	1 ½	12.7	0.75mm	100
V236	45mm	1 ¾	12.7	0.75mm	100
V237	51mm	2	12.7	0.75mm	100
V230	70mm	2 ¾	12.7	0.75mm	100
V249	102mm	4	12.7	0.75mm	100
V205	38	1 ½	16	0.75mm	100
V206	45	1 ¾	16	0.75mm	100
V207	51	2	16	0.75mm	100
V208	57	2 ¼	16	0.75mm	100
V209	64	2 ½	16	0.75mm	100
V227	51	2	19	0.75mm	100
V210	70	2 ¾	19	0.75mm	50
V211	76	3	19	0.75mm	50
V212	89	3 ½	19	0.75mm	50
V213	102	4	19	0.75mm	25
V214	114	4 ½	19	0.75mm	25
V215	127	5	19	0.75mm	25
V216	152	6	19	0.75mm	25
V218	180	7	19	0.75mm	25

HOSE FITTINGS

STRAINERS

Cast Iron Footvalve & Strainer

A Foot-Valve and Strainer is a non-return valve that is designed to be put on the end of a hose to suction lift out of tanks, lagoons, rivers and lakes. The strainer stops any debris from finding its way into and blocking the pump and the non-return valve will then keep the prime in the hose as well making it easy to transfer to the next job.



Part#	Size
FOOT200	2"
FOOT300	3"
FOOT400	4"
FOOT600	6"

Tin Can Strainer

Simple galvanized steel design. Unvalved. Use with a suitable suction hose. Holes allow suction of water and fluids but prevents large solids being sucked into the pump and causing damage/ blockages.



Part#	Size
TS100	1"
TS150	1 ½"
TS200	2"
TS300	3"
TS400	4"
TS600	6"

MANNTEK COUPLINGS

MannTek Dry Disconnect Coupling (DDC)

MannTek dry disconnect or Drybreak couplings have a large range of applications such as tanker loading, oil and chemical loading, food, pharmaceutical feed stock, or indeed, for any hazardous or critical fluid transfer application. 'MannTek' drybreak couplings provide a proven solution when a drybreak is required.



MannTek couplings are manufactured to the internationally recognized STANAG 3756 standard which ensures compatibility with similar bayonet couplings such as Todo, Avery Hardoll etc..

MannTek couplings comprise of two parts; A Hose Unit (female part) & a Tank Unit (Male Part).

Both parts feature a valve assembly. When the Hose and Tank unit are mated together using a simple quarter turn , the 2 valves engage & open allowing product to pass through the coupling.

On disconnection, the valves close independently & hold back any product in the hose or fixed pipeline, therefore offering a 'dry' disconnect.

- Available in body and thread size from 1" to 8"
- 56mm, 70mm, 105mm, 119mm, 164mm and 238mm front flanges conforming to TEAM standards, ensuring compatibility with other couplings to the same standard.
- Available in a wide range of materials dependant on application but including Aluminium, Brass, Stainless Steel, Titanium, Hastelloy, PEEK also available.
- A range of seal options including FKM(Viton®), NBR, EPDM and FFKM (Kalrez® Chemraz®) available for compatibility with the most difficult conveyants.
- Optional Selectivity, to prevent product contamination.
- BSPP or NPT threads available on both units as well as more unusual threads such as ACME or Whitworth.
- Can also be supplied with flange such as ASA, PN as well as Eccentric flanges
- High flow rates with low pressure drop.
- Integrated 360° hose swivel to facilitate quick and accurate connections and reduce torque and twisting of the hose length, thus improver operator safety and manual handling.
- Large, ergonomically designed handles
- Drain connections can be specified for venting & sampling
- Selectivity, Keyed or Coded couplings available to prevent accidental mixing of product. As per STANAG 3756 standard, and from 5 options(positions) up to 21 positions (dependant on size)
- Parking Devices available – with or without sensor.
- Various plugs and caps available .
- A fully customizable system specifically designed to meet your requirements.

MannTek

MannTek Dry Gas Couplings

- Suitable for handling a range of LPG applications - Propane and Butane
- Self locking quick connect/disconnect coupling, to EN 13760 / EN 13175, for the loading and unloading of liquefied petroleum gas LPG and various other media.
- Tank unit without swivel, typically fix mounted as filling connector on storage tanks, mobile tanks, road tankers, rail tankers, containers and ship manifolds.
- Hose unit with swivel, typically mounted on hose assemblies and loading arms for temporary connection to storage tanks and mobile transport units.
- DN 25 as LPG fuelling connector for heavy duty vehicles to EN 13760.
- DN 50 as LPG filling connector for trucks on liquid line or as vapor return on railcars to EN 13175 up to +80° C.
- DN 80 as connector for railcars on liquid line to EN 13175.
- Sizes 1" (DN 25) up to 8" (DN 200).
- Connections BSP/NPT thread, DIN/ANSI/TW/TTMA flange – others on request.
- Pressure- Can be coupled up to 10 bar and uncoupled up to 25 bar.
- Working pressure 25 bar.
- -40° C up to +80° C, depending on O-Ring material.
- Material - Body: stainless steel – depending on type/size 1.4401 (AISI 316), 1.4404 (AISI 316L), 1.4408 (CF-8M) or 1.4409 (CF-3M).
- O-Rings: FKM – others on request.
- Flat seal (for female parallel thread connections only): polyurethane – others on request
- Approvals / Certificates -DGC couplings fulfill the requirements of European Pressure Equipment Directive category 2 (for higher demand on request).
- They are suitable for the use in potentially explosive atmosphere (ATEX) zone 1, approved for the transport of dangerous goods on road (ADR), by rail (RID) and ship (IMDG).
- Specified as a fuelling connector for DME driven vehicles. Also suitable for other liquefied gases like ammonia, ethylene, propylene, butadiene & others.
- TÜV TÜ.AGG 304-99, Lloyd's Register 0038/ATEX/HAM064017,
- TDT-UW-21/16, EAC TC No. RU Д-SE.MI062.B.02151



VALVES

Discover our versatile range of valves designed to deliver precision, reliability, and seamless control across a variety of applications.

Each valve combines innovative engineering with durable materials to meet the highest standards.



Economical 3 Piece Manual Stainless Steel Ball Valve

- Economical 3 Piece Ball Valve
- Lockable Lever
- Sizes 1/4" to 4"
- Blow Out Proof Stem
- Investment Casting
- Full Bore
- Working Temperature 20°C to 200°C
- Maximum Working Pressure 63 Bar
- 1/4" 1 1/4" Solid Stainless Steel Ball
- 1 1/2" 4" Hollow Stainless Steel Ball

Description	Part#
1/4" 3Pce BSP StSt Ball Valve	BV5590-201302
3/8" 3Pce BSP StSt Ball Valve	BV5590-201303
1/2" 3Pce BSP StSt Ball Valve	BV5590-201304
3/4" 3Pce BSP StSt Ball Valve	BV5590-201305
1" 3Pce BSP StSt Ball Valve	BV5590-201306
1 1/4" 3Pce BSP StSt Ball Valve	BV5590-201307
1 1/2" 3Pce BSP StSt Ball Valve	BV5590-201308
2" 3Pce BSP StSt Ball Valve	BV5590-201309
2 1/2" 3Pce BSP StSt Ball Valve	BV5590-201310
3" 3Pce BSP StSt Ball Valve	BV5590-201311
4" 3Pce BSP StSt Ball Valve	BV5590-201312



Economical 2 Piece Manual Stainless Steel Ball Valve

- Economical 2 Piece Ball Valve
- Lockable Lever
- Sizes 1/4" to 4" BSPP Thread
- Blow Out Proof Stem
- Investment Casting
- Full Bore
- Working Temperature 20°C to 200°C
- Maximum Working Pressure 63 Bar
- 1/4" 1 1/4" Solid Stainless Steel Ball
- 1 1/2" 4" Hollow Stainless Steel Ball

Description	Part#
1/4" 2Pce BSP StSt Ball Valve	BV5574-100100
3/8" 2Pce BSP StSt Ball Valve	BV5574-100101
1/2" 2Pce BSP StSt Ball Valve	BV5574-100102
3/4" 2Pce BSP StSt Ball Valve	BV5574-100103
1" 2Pce BSP StSt Ball Valve	BV5574-100104
1 1/4" 2Pce BSP StSt Ball Valve	BV5574-100105
1 1/2" 2Pce BSP StSt Ball Valve	BV5574-100106
2" 2Pce BSP StSt Ball Valve	BV5574-100107
2 1/2" 2Pce BSP StSt Ball Valve	BV5574-100108
3" 2Pce BSP StSt Ball Valve	BV5574-100109



Brass Ball Valves PN25 Female x Female BSP

- Brass Ball Valve with Drain Plug
- Brass Nickel Plated Body
- Red Aluminium Lever
- Full Bore
- Screwed BSPP End Connections
- Sizes: 1/2" to 2"
- Temperature Range from -10°C to 95°C
- WRAS Approved

Part #	Size
BBV025	1/4" BSPP Female x Female
BBV038	3/8" BSPP Female x Female
BBV50	1/2" BSPP Female x Female
BBV075	3/4" BSPP Female x Female
BBV100	1" BSPP Female x Female
BBV125	1-1/4" BSPP Female x Female
BBV150	1-1/2" BSPP Female x Female
BBV200	2" BSPP Female x Female
BBV250	2-1/2" BSPP Female x Female
BBV300	3" BSPP Female x Female
BBV400	4" BSPP Female x Female

HOSE FITTINGS

Screwed Brass Gate Valve - BSPT

- Manual Gate Valve
- Brass Body
- PTFE seals
- Screwed BSPT (PN20)
- Sizes 1/4" to 4"



Description	Part#
1/4" BSP Brass Gate Valve	GV5000-115000
3/8" BSP Brass Gate Valve	GV5000-115001
1/2" BSP Brass Gate Valve	GV5000-115002
3/4" BSP Brass Gate Valve	GV5000-115003
1" BSP Brass Gate Valve	GV5000-115004
1 1/4" BSP Brass Gate Valve	GV5000-115005
1 1/2" BSP Brass Gate Valve	GV5000-115006
2" BSP Brass Gate Valve	GV5000-115007
2 1/2" BSP Brass Gate Valve	GV5000-115008
3" BSP Brass Gate Valve	GV5000-115009
4" BSP Brass Gate Valve	GV5000-115010

Europa Brass Spring Check Valve, Screwed BSP.

- Size 3/8" 4"
- Screwed BSP
- Pressure up to 25 bar
- Temperatures up to 100°C
- Reliable and economic



Description	Part#
3/8" BSP Brass Europa Spring Check Valve	CV4661-109750
1/2" BSP Brass Europa Spring Check Valve	CV4661-109751
3/4" BSP Brass Europa Spring Check Valve	CV4661-109752
1" BSP Brass Europa Spring Check Valve	CV4661-109753
1 1/4" BSP Brass Europa Spring Check Valve	CV4661-109754
1 1/2" BSP Brass Europa Spring Check Valve	CV4661-109755
2" BSP Brass Europa Spring Check Valve	CV4661-109756
2 1/2" BSP Brass Europa Spring Check Valve	CV4661-109757
3" BSP Brass Europa Spring Check Valve	CV4661-109758
4" BSP Brass Europa Spring Check Valve	CV4661-109759



Economy WRAS Approved Wafer Butterfly Valve

- Economy Wafer Pattern Butterfly Valve
- Cast iron body
- 316 stainless steel disc
- EPDM liner
- Sizes: 1 1/2" to 12"
- Lockable lever and throttling notch plate or Gearbox
- Suitable for mounting between flanges: BS10 Table D/E, PN6/10/16 and ANSI150
- WRAS approved

Description	Part#
1 1/2" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100100
2" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100101
2 1/2" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100102
3" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100103
4" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100104
5" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100105
6" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100106
8" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100107
10" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100108
12" Wafer Pattern WRAS Butterfly Valve Lever Op	BF4690-100109



Economy WRAS Approved Lugged PN16 Butterfly Valve

- Economy Lugged & Tapped Butterfly Valve
- Ductile iron body
- 316 stainless steel disc
- EPDM liner
- Sizes: 1 1/2" to 12"
- Lockable lever and throttling notch plate
- Suitable for mounting between flanges: PN16

Description	Part#
1 1/2" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100110
2" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100111
2 1/2" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100112
3" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100113
4" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100114
5" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100115
6" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100116
8" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100117
10" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100118
12" Lugged PN16 Pattern WRAS Butterfly Valve Lever Op	BF4691-100119

Flanged PN16 Cast Iron Metal Seated Swing Check Valve

- Swing Check Valve
- Cast Iron Body
- Flanged PN16
- Sizes 2" to 8"
- Metal Seated



Economy Metal Seated Flanged PN16 Gate Valve

- Economy Metal Seated Gate Valve
- GG25 cast iron body
- Brass seat
- Non-rising stem
- Hand wheel operated
- Flanged to suit PN16
- Sizes: 2" to 8"
- Face to face DIN3202 F4



Description	Part#
2" PN16 Cast Iron Metal Seat Swing Check Valve	CV4685-100401
2 1/2" PN16 Cast Iron Metal Seat Swing Check Valve	CV4685-100402
3" PN16 Cast Iron Metal Seat Swing Check Valve	CV4685-100403
4" PN16 Cast Iron Metal Seat Swing Check Valve	CV4685-100404
5" PN16 Cast Iron Metal Seat Swing Check Valve	CV4685-100405
6" PN16 Cast Iron Metal Seat Swing Check Valve	CV4685-100406
8" PN16 Cast Iron Metal Seat Swing Check Valve	CV4685-100407

Description	Part#
2" PN16 Cast Iron Metal Seated Gate Valve	GV4211-100100
2 1/2" PN16 Cast Iron Metal Seated Gate Valve	GV4211-100101
3" PN16 Cast Iron Metal Seated Gate Valve	GV4211-100102
4" PN16 Cast Iron Metal Seated Gate Valve	GV4211-100103
5" PN16 Cast Iron Metal Seated Gate Valve	GV4211-100104
6" PN16 Cast Iron Metal Seated Gate Valve	GV4211-100105
8" PN16 Cast Iron Metal Seated Gate Valve	GV4211-100106



Economic 2 PC ANSI 150 Manual Stainless Steel Ball Valve

- Flanged ANSI 150
- Lockable Lever
- Sizes 1/4" to 4"
- Blow Out Proof Stem
- Investment Casting
- Full Bore
- Working Temp. 20°C - 200°C
- Max. Working Pressure 20 Bar
- RPTFE Seats
- PTFE Seals

Description	Part#
1/2" Stainless ANSI 150 Ball Valve	BV5575-100100
3/4" Stainless ANSI 150 Ball Valve	BV5575-100101
1" Stainless ANSI 150 Ball Valve	BV5575-100102
1 1/2" Stainless ANSI 150 Ball Valve	BV5575-100103
2" Stainless ANSI 150 Ball Valve	BV5575-100104
2 1/2" Stainless ANSI 150 Ball Valve	BV5575-100105
3" Stainless ANSI 150 Ball Valve	BV5575-100106
4" Stainless ANSI 150 Ball Valve	BV5575-100107



Economy Ball Valve Series 94LC Flanged PN16 Manual Only

- Economy Ball Valve
- Body material: Stainless Steel
- End connection: Flanged PN16
- Full bore, two piece
- Reinforced PTFE seat
- Sizes: 1/2" to 4"
- Temperature range: -20°C - 180°C
- Operating pressure: PN16 Rated

Description	Part#
1/2" Stainless PN16 Ball Valve	BV5115-120950
3/4" Stainless PN16 Ball Valve	BV5115-120951
1" Stainless PN16 Ball Valve	BV5115-120952
1 1/4" Stainless PN16 Ball Valve	BV5115-120953
1 1/2" Stainless PN16 Ball Valve	BV5115-120954
2" Stainless PN16 Ball Valve	BV5115-120955
2 1/2" Stainless PN16 Ball Valve	BV5115-120956
3" Stainless PN16 Ball Valve	BV5115-120957
4" Stainless PN16 Ball Valve	BV5115-120958



Cast Iron Handwheel Operated Uni Directional Knife Gate Valve

- Size Range DN50 DN300
- Fits between PN10 flanges
- NBR, EPDM & Metal Seat Options
- Low pressure loss
- Cast Iron & Stainless Steel Body Option

Description	Part#
2" Economy Knife Gate Valve - H/Wheel	KG5016-115850
2 1/2" Economy Knife Gate Valve - H/Wheel	KG5016-115851
3" Economy Knife Gate Valve - H/Wheel	KG5016-115852
4" Economy Knife Gate Valve - H/Wheel	KG5016-115853
5" Economy Knife Gate Valve - H/Wheel	KG5016-115854
6" Economy Knife Gate Valve - H/Wheel	KG5016-115855
8" Economy Knife Gate Valve - H/Wheel	KG5016-115856

Economy Pneumatic Actuated Brass Ball Valve

- Screwed BSPP
- PTFE Filled Seats.
- Spring Return or Double Acting
- Up to PN40 Bar 95°C
- Offers Affordable Automation
- Sizes from 1/2"
- WRAS Approved



Description	Part#
1/2" BSP Brass Ball Valve + ECO Pneumatic Single Acting Actuator	PE4322-100101
3/4" BSP Brass Ball Valve + ECO Pneumatic Single Acting Actuator	PE4322-100102
1" BSP Brass Ball Valve + ECO Pneumatic Single Acting Actuator	PE4322-100103
1 1/4" BSP Brass Ball Valve + ECO Pneumatic Single Acting Actuator	PE4322-100104
1 1/2" BSP Brass Ball Valve + ECO Pneumatic Single Acting Actuator	PE4322-100105
2" BSP Brass Ball Valve + ECO Pneumatic Single Acting Actuator	PE4322-100106
1/2" BSP Brass Ball Valve + ECO Pneumatic Double Acting Actuator	PE4322-100107
3/4" BSP Brass Ball Valve + ECO Pneumatic Double Acting Actuator	PE4322-100108
1" BSP Brass Ball Valve + ECO Pneumatic Double Acting Actuator	PE4322-100109
1 1/4" BSP Brass Ball Valve + ECO Pneumatic Double Acting Actuator	PE4322-100110
1 1/2" BSP Brass Ball Valve + ECO Pneumatic Double Acting Actuator	PE4322-100111
2" BSP Brass Ball Valve + ECO Pneumatic Double Acting Actuator	PE4322-100112

Economy Pneumatic Actuated Stainless Steel Ball Valve

- Full Bore
- Screwed BSPT
- 1000 PSI Rated
- Stainless Steel Body
- Spring Close or Double Acting Actuator
- Options for Pilot Solenoid & Switchbox
- 1/4" - 4" Sizes



Description	Part#
1/2" BSP StSt 3Pce Ball Valve + ECO Pneumatic Single Acting Actuator	PE4323-100120
3/4" BSP StSt 3Pce Ball Valve + ECO Pneumatic Single Acting Actuator	PE4323-100121
1" BSP StSt 3Pce Ball Valve + ECO Pneumatic Single Acting Actuator	PE4323-100122
1 1/4" BSP StSt 3Pce Ball Valve + ECO Pneumatic Single Acting Actuator	PE4323-100123
1 1/2" BSP StSt 3Pce Ball Valve + ECO Pneumatic Single Acting Actuator	PE4323-100124
2" BSP StSt 3Pce Ball Valve + ECO Pneumatic Single Acting Actuator	PE4323-100125
1/2" BSP StSt 3Pce Ball Valve + ECO Pneumatic Double Acting Actuator	PE4323-100129
3/4" BSP StSt 3Pce Ball Valve + ECO Pneumatic Double Acting Actuator	PE4323-100130
1" BSP StSt 3Pce Ball Valve + ECO Pneumatic Double Acting Actuator	PE4323-100131
1 1/4" BSP StSt 3Pce Ball Valve + ECO Pneumatic Double Acting Actuator	PE4323-100132
1 1/2" BSP StSt 3Pce Ball Valve + ECO Pneumatic Double Acting Actuator	PE4323-100133
2" BSP StSt 3Pce Ball Valve + ECO Pneumatic Double Acting Actuator	PE4323-100134

150lb STAINLESS STEEL FITTINGS

- Investment Casting
- 1/8" to 4" BSP
- 316 (CF8M) Stainless Steel – ISO 4114
- High quality Fittings
- All Threads to ISO 7-1 (DIN 2999)
- BSPP Female and BSPT Male
- NPT and Socket Options available on request

Stainless Steel 316 150lb Hexagon Nipples



Part#	Material	BSP Thread
HN-0.125	Stainless Steel	1/8"
HN-0.25	Stainless Steel	1/4"
HN-0.375	Stainless Steel	3/8"
HN-0.5	Stainless Steel	1/2"
HN-0.75	Stainless Steel	3/4"
HN-1.0	Stainless Steel	1"
HN-1.25	Stainless Steel	1-1/4"
HN-1.5	Stainless Steel	1-1/2"
HN-2.0	Stainless Steel	2"
HN-2.5	Stainless Steel	2-1/2"
HN-3.0	Stainless Steel	3"
HN-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Hexagon Reducing Nipple



Part#	Material	BSP Thread
HRN-0.25-0.125	Stainless Steel	1/4" X 1/8"
HRN-0.375-0.125	Stainless Steel	3/8" X 1/8"
HRN-0.375-0.25	Stainless Steel	3/8" X 1/4"
HRN-0.5-0.125	Stainless Steel	1/2" X 1/8"
HRN-0.5-0.25	Stainless Steel	1/2" X 1/4"
HRN-0.5-0.375	Stainless Steel	1/2" X 3/8"
HRN-0.75-0.25	Stainless Steel	3/4" X 1/4"
HRN-0.75-0.375	Stainless Steel	3/4" X 3/8"
HRN-0.75-0.5	Stainless Steel	3/4" X 1/2"
HRN-1.0-0.25	Stainless Steel	1" X 1/4"
HRN-1.0-0.375	Stainless Steel	1" X 3/8"
HRN-1.0-0.5	Stainless Steel	1" X 1/2"
HRN-1.0-0.75	Stainless Steel	1" X 3/4"
HRN-1.25-0.5	Stainless Steel	1-1/4" X 1/2"
HRN-1.25-0.75	Stainless Steel	1-1/4" X 3/4"
HRN-1.25-1.0	Stainless Steel	1-1/4" X 1"
HRN-1.5-0.375	Stainless Steel	1-1/2" X 3/8"
HRN-1.5-0.75	Stainless Steel	1-1/2" X 3/4"
HRN-1.5-1.0	Stainless Steel	1-1/2" X 1"
HRN-1.5-1.25	Stainless Steel	1-1/2" X 1-1/4"
HRN-2.0-0.375	Stainless Steel	2" X 3/8"
HRN-2.0-0.5	Stainless Steel	2" X 1/2"
HRN-2.0-0.75	Stainless Steel	2" X 3/4"
HRN-2.0-1.0	Stainless Steel	2" X 1"
HRN-2.0-1.25	Stainless Steel	2" X 1-1/4"
HRN-2.0-1.5	Stainless Steel	2" X 1-1/2"
HRN-2.5-1.0	Stainless Steel	2-1/2" X 1"
HRN-2.5-1.25	Stainless Steel	2-1/2" X 1-1/4"
HRN-2.5-1.5	Stainless Steel	2-1/2" X 1-1/2"
HRN-2.5-2.0	Stainless Steel	2-1/2" X 2"
HRN-3.0-1.5	Stainless Steel	3" X 1-1/2"
HRN-3.0-2.0	Stainless Steel	3" X 2"
HRN-3.0-2.5	Stainless Steel	3" X 2-1/2"
HRN-4-2.5	Stainless Steel	4" X 2-1/2"
HRN-4.0-2.0	Stainless Steel	4" X 2"
HRN-4.0-3.0	Stainless Steel	4" X 3"

Stainless Steel 316 150lb Barrel Nipples



Part#	Material	BSP Thread
BN-0.125	Stainless Steel	1/8"
BN-0.25	Stainless Steel	1/4"
BN-0.375	Stainless Steel	3/8"
BN-0.5	Stainless Steel	1/2"
BN-0.75	Stainless Steel	3/4"
BN-1.0	Stainless Steel	1"
BN-1.25	Stainless Steel	1-1/4"
BN-1.5	Stainless Steel	1-1/2"
BN-2.0	Stainless Steel	2"
BN-2.5	Stainless Steel	2-1/2"
BN-3.0	Stainless Steel	3"
BN-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Close Parallel Nipples



Part#	Material	BSP Thread
PN-0.125	Stainless Steel	1/8"
PN-0.25	Stainless Steel	1/4"
PN-0.375	Stainless Steel	3/8"
PN-0.5	Stainless Steel	1/2"
PN-0.75	Stainless Steel	3/4"
PN-1.0	Stainless Steel	1"
PN-1.25	Stainless Steel	1-1/4"
PN-1.5	Stainless Steel	1-1/2"
PN-2.0	Stainless Steel	2"
PN-2.5	Stainless Steel	2-1/2"
PN-3.0	Stainless Steel	3"
PN-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Weld Nipples



Part#	Material	BSP Thread
WN-0.125	Stainless Steel	1/8"
WN-0.25	Stainless Steel	1/4"
WN-0.375	Stainless Steel	3/8"
WN-0.5	Stainless Steel	1/2"
WN-0.75	Stainless Steel	3/4"
WN-1.0	Stainless Steel	1"
WN-1.25	Stainless Steel	1-1/4"
WN-1.5	Stainless Steel	1-1/2"
WN-2.0	Stainless Steel	2"
WN-2.5	Stainless Steel	2-1/2"
WN-3.0	Stainless Steel	3"
WN-4.0	Stainless Steel	4"

Stainless Steel 316 150lb BSPT Male x Hosetail



Part#	Material	BSP Thread	Hosetail
HC-0.125	Stainless Steel	1/8"	1/8"
HC-0.25	Stainless Steel	1/4"	1/4"
HC-0.375	Stainless Steel	3/8"	3/8"
HC-0.5	Stainless Steel	1/2"	1/2"
HC-0.75	Stainless Steel	3/4"	3/4"
HC-1.0	Stainless Steel	1"	1"
HC-1.25	Stainless Steel	1-1/4"	1-1/4"
HC-1.5	Stainless Steel	1-1/2"	1-1/2"
HC-2.0	Stainless Steel	2"	2"
HC-2.5	Stainless Steel	2-1/2"	2-1/2"
HC-3.0	Stainless Steel	3"	3"
HC-4.0	Stainless Steel	4"	4"

Stainless Steel 316 150lb Hexagon Reducing Bush



Part#	Material	BSP Thread
HRB-0.25-0.125	Stainless Steel	1/4" X 1/8"
HRB-0.375-0.125	Stainless Steel	3/8" X 1/8"
HRB-0.375-0.25	Stainless Steel	3/8" X 1/4"
HRB-0.5-0.125	Stainless Steel	1/2" X 1/8"
HRB-0.5-0.25	Stainless Steel	1/2" X 1/4"
HRB-0.5-0.375	Stainless Steel	1/2" X 3/8"
HRB-0.5X0.25	Stainless Steel	1/2" X 1/4"
HRB-0.75-0.25	Stainless Steel	3/4" X 1/4"
HRB-0.75-0.375	Stainless Steel	3/4" X 3/8"
HRB-0.75-0.5	Stainless Steel	3/4" X 1/2"
HRB-1.0-0.25	Stainless Steel	1" X 1/4"
HRB-1.0-0.375	Stainless Steel	1" X 3/8"
HRB-1.0-0.5	Stainless Steel	1" X 1/2"
HRB-1.0-0.75	Stainless Steel	1" X 3/4"
HRB-1.25-0.50	Stainless Steel	1-1/4" X 1/2"
HRB-1.25-0.75	Stainless Steel	1-1/4" X 3/4"
HRB-1.25-1.0	Stainless Steel	1-1/4" X 1"
HRB-1.5-0.0.25	Stainless Steel	1-1/2" X 1/4"
HRB-1.5-0.5	Stainless Steel	1-1/2" X 1/2"
HRB-1.5-0.75	Stainless Steel	1-1/2" X 3/4"
HRB-1.5-1.0	Stainless Steel	1-1/2" X 1"
HRB-1.5-1.25	Stainless Steel	1-1/2" X 1-1/4"
HRB-2.0-0.5	Stainless Steel	2" X 1/2"
HRB-2.0-0.75	Stainless Steel	2" X 3/4"
HRB-2.0-1.0	Stainless Steel	2" X 1"
HRB-2.0-1.25	Stainless Steel	2" X 1-1/4"
HRB-2.0-1.5	Stainless Steel	2" X 1-1/2"
HRB-2.0-1.0	Stainless Steel	2" X 1"
HRB-2.0-0.75	Stainless Steel	2" X 3/4"
HRB-2.5-1.0	Stainless Steel	2 1/2" X 1"
HRB-2.5-1.25	Stainless Steel	2-1/2" X 1-1/4"
HRB-2.5-1.5	Stainless Steel	2-1/2" X 1-1/2"
HRB-2.5-2.0	Stainless Steel	2-1/2" X 2"
HRB-3.0-1.0	Stainless Steel	3" X 1"
HRB-3.0-1.25	Stainless Steel	3" X 1-1/4"
HRB-3.0-1.5	Stainless Steel	3" X 1-1/2"
HRB-3.0-2.0	Stainless Steel	3" X 2"
HRB-3.0-2.5	Stainless Steel	3" X 2-1/2"
HRB-4.0-2.0	Stainless Steel	4" X 2"
HRB-4.0-2.5	Stainless Steel	4" X 2-1/2"
HRB-4.0-3.0	Stainless Steel	4" X 3"

Stainless Steel 316 150lb Equal Female Socket



Part#	Material	BSP Thread
SS-0.125	Stainless Steel	1/8"
SS-0.25	Stainless Steel	1/4"
SS-0.375	Stainless Steel	3/8"
SS-0.5	Stainless Steel	1/2"
SS-0.75	Stainless Steel	3/4"
SS-1.0	Stainless Steel	1"
SS-1.25	Stainless Steel	1-1/4"
SS-1.5	Stainless Steel	1-1/2"
SS-2.0	Stainless Steel	2"
SS-2.5	Stainless Steel	2-1/2"
SS-3.0	Stainless Steel	3"
SS-4.0	Stainless Steel	4"

STAINLESS STEEL CAMLOCK FITTINGS

SEE P40

STAINLESS STEEL VALVES

SEE P67

Stainless Steel 316 150lb 45° Elbows



Part#	Material	BSP Thread
S45-0.125	Stainless Steel	1/8"
S45-0.25	Stainless Steel	1/4"
S45-0.375	Stainless Steel	3/8"
S45-0.5	Stainless Steel	1/2"
S45-0.75	Stainless Steel	3/4"
S45-1.0	Stainless Steel	1"
S45-1.25	Stainless Steel	1-1/4"
S45-1.5	Stainless Steel	1-1/2"
S45-2.0	Stainless Steel	2"
S45-2.5	Stainless Steel	2-1/2"
S45-3.0	Stainless Steel	3"
S45-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Equal Tees



Part#	Material	BSP Thread
ST-0.125	Stainless Steel	1/8"
ST-0.25	Stainless Steel	1/4"
ST-0.375	Stainless Steel	3/8"
ST-0.5	Stainless Steel	1/2"
ST-0.75	Stainless Steel	3/4"
ST-1.0	Stainless Steel	1"
ST-1.25	Stainless Steel	1-1/4"
ST-1.5	Stainless Steel	1-1/2"
ST-2.0	Stainless Steel	2"
ST-2.5	Stainless Steel	2-1/2"
ST-3.0	Stainless Steel	3"
ST-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Square Head Plugs



Part#	Material	BSP Thread
SHP-0.125	Stainless Steel	1/8"
SHP-0.25	Stainless Steel	1/4"
SHP-0.375	Stainless Steel	3/8"
SHP-0.5	Stainless Steel	1/2"
SHP-0.75	Stainless Steel	3/4"
SHP-1.0	Stainless Steel	1"
SHP-1.25	Stainless Steel	1-1/4"
SHP-1.5	Stainless Steel	1-1/2"
SHP-2.0	Stainless Steel	2"
SHP-2.5	Stainless Steel	2-1/2"
SHP-3.0	Stainless Steel	3"
SHP-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Reducing Socket



Part#	Material	BSP Thread
SRS-0.25-0.125	Stainless Steel	1/4" X 1/8"
SRS-0.375-0.25	Stainless Steel	3/8" X 1/4"
SRS-0.5-0.125	Stainless Steel	1/2" X 1/8"
SRS-0.5-0.25	Stainless Steel	1/2" X 1/4"
SRS-0.5-0.375	Stainless Steel	1/2" X 3/8"
SRS-0.75-0.25	Stainless Steel	3/4" X 1/4"
SRS-0.75-0.375	Stainless Steel	3/4" X 3/8"
SRS-0.75-0.5	Stainless Steel	3/4" X 1/2"
SRS-1.0-0.375	Stainless Steel	1" X 3/8"
SRS-1.0-0.5	Stainless Steel	1" X 1/2"
SRS-1.0-0.75	Stainless Steel	1" X 3/4"
SRS-1.25-0.5	Stainless Steel	1-1/4" X 1/2"
SRS-1.25-0.75	Stainless Steel	1-1/4" X 3/4"
SRS-1.25-1.0	Stainless Steel	1-1/4" X 1"
SRS-1.5-0.5	Stainless Steel	1-1/2" X 1/2"
SRS-1.5-0.75	Stainless Steel	1-1/2" X 3/4"
SRS-1.5-1.0	Stainless Steel	1-1/2" X 1"
SRS-1.5-1.25	Stainless Steel	1-1/2" X 1-1/4"
SRS-2.0-0.5	Stainless Steel	2" X 1/2"
SRS-2.0-0.75	Stainless Steel	2" X 3/4"
SRS-2.0-1.0	Stainless Steel	2" X 1"
SRS-2.0-1.25	Stainless Steel	2" X 1-1/4"
SRS-2.0-1.5	Stainless Steel	2" X 1-1/2"
SRS-2.5-1.5	Stainless Steel	2-1/2" X 1-1/2"
SRS-2.5-2.0	Stainless Steel	2-1/2" X 2"
SRS-3.0-1.5	Stainless Steel	3" X 1-1/2"
SRS-3.0-2.0	Stainless Steel	3" X 2"
SRS-3.0-2.5	Stainless Steel	3" X 2-1/2"
SRS-4.0-2.0	Stainless Steel	4" X 2"
SRS-4.0-3.0	Stainless Steel	4" X 3"

Stainless Steel 316 150lb 90° Elbows



Part#	Material	BSP Thread
S90-0.125	Stainless Steel	1/8"
S90-0.25	Stainless Steel	1/4"
S90-0.375	Stainless Steel	3/8"
S90-0.5	Stainless Steel	1/2"
S90-0.75	Stainless Steel	3/4"
S90-1.0	Stainless Steel	1"
S90-1.25	Stainless Steel	1-1/4"
S90-1.5	Stainless Steel	1-1/2"
S90-2.0	Stainless Steel	2"
S90-2.5	Stainless Steel	2-1/2"
S90-3.0	Stainless Steel	3"
S90-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Equal Crosses



Part#	Material	BSP Thread
SEX-0.125	Stainless Steel	1/8"
SEX-0.25	Stainless Steel	1/4"
SEX-0.375	Stainless Steel	3/8"
SEX-0.5	Stainless Steel	1/2"
SEX-0.75	Stainless Steel	3/4"
SEX-1.0	Stainless Steel	1"
SEX-1.25	Stainless Steel	1-1/4"
SEX-1.5	Stainless Steel	1-1/2"
SEX-2.0	Stainless Steel	2"
SEX-2.5	Stainless Steel	2-1/2"
SEX-3.0	Stainless Steel	3"
SEX-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Blank Cap



Part#	Material	BSP Thread
SEC-0.125	Stainless Steel	1/8"
SEC-0.25	Stainless Steel	1/4"
SEC-0.375	Stainless Steel	3/8"
SEC-0.5	Stainless Steel	1/2"
SEC-0.75	Stainless Steel	3/4"
SEC-1.0	Stainless Steel	1"
SEC-1.25	Stainless Steel	1-1/4"
SEC-1.5	Stainless Steel	1-1/2"
SEC-2.0	Stainless Steel	2"
SEC-2.5	Stainless Steel	2-1/2"
SEC-3.0	Stainless Steel	3"
SEC-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Street Elbows



Part#	Material	BSP Thread
SE-0.125	Stainless Steel	1/8"
SE-0.25	Stainless Steel	1/4"
SE-0.375	Stainless Steel	3/8"
SE-0.5	Stainless Steel	1/2"
SE-0.75	Stainless Steel	3/4"
SE-1.0	Stainless Steel	1"
SE-1.25	Stainless Steel	1-1/4"
SE-1.5	Stainless Steel	1-1/2"
SE-2.0	Stainless Steel	2"
SE-2.5	Stainless Steel	2-1/2"
SE-3.0	Stainless Steel	3"
SE-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Hexagon Plug



Part#	Material	BSP Thread
HP-0.125	Stainless Steel	1/8"
HP-0.25	Stainless Steel	1/4"
HP-0.375	Stainless Steel	3/8"
HP-0.5	Stainless Steel	1/2"
HP-0.75	Stainless Steel	3/4"
HP-1.0	Stainless Steel	1"
HP-1.25	Stainless Steel	1-1/4"
HP-1.5	Stainless Steel	1-1/2"
HP-2.0	Stainless Steel	2"
HP-2.5	Stainless Steel	2-1/2"
HP-3.0	Stainless Steel	3"
HP-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Dart Union Cone Seated



Part#	Material	BSP Thread
SUCS-0.125	Stainless Steel	1/8"
SUCS-0.25	Stainless Steel	1/4"
SUCS-0.375	Stainless Steel	3/8"
SUCS-0.5	Stainless Steel	1/2"
SUCS-0.75	Stainless Steel	3/4"
SUCS-1.0	Stainless Steel	1"
SUCS-1.25	Stainless Steel	1-1/4"
SUCS-1.5	Stainless Steel	1-1/2"
SUCS-2.0	Stainless Steel	2"
SUCS-2.5	Stainless Steel	2-1/2"
SUCS-3.0	Stainless Steel	3"
SUCS-4.0	Stainless Steel	4"

Stainless Steel 316 150lb Hexagon Backnut



Part#	Material	BSP Thread
SHB-0.125	Stainless Steel	1/8"
SHB-0.25	Stainless Steel	1/4"
SHB-0.375	Stainless Steel	3/8"
SHB-0.5	Stainless Steel	1/2"
SHB-0.75	Stainless Steel	3/4"
SHB-1.0	Stainless Steel	1"
SHB-1.25	Stainless Steel	1-1/4"
SHB-1.5	Stainless Steel	1-1/2"
SHB-2.0	Stainless Steel	2"
SHB-2.5	Stainless Steel	2-1/2"
SHB-3.0	Stainless Steel	3"
SHB-4.0	Stainless Steel	4"



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