

Couplings

COMPOTEC®

COMPOTEC® RANGE OF HOSE COUPLINGS


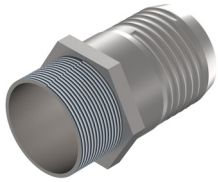


COMPOTEC® offer a complete range of fittings for their hoses. Many of them are specified in the list of this guide, but virtually any type, for any use application can be supplied after consulting with our technical department. Adaptors, accessories, such as blank caps, dust plugs and delivery/filling nozzles are available from stock.

MATERIALS

All the hose fittings may be obtained in a variety of materials according to the compatibility with various media, including Stainless Steel, Brass, Aluminium, Carbon steel, Polypropylene, PVDF, PTFE, and for special application, metal fittings can be coated with Ebanite, or a special PTFE flake-on coating.

METHOD OF ATTACHMENT

COMPOTEC® hoses are generally supplied with factory fitted end connections to customer requirements, from our workshop or from an authorised COMPOTEC® distributor. All metal components, including end fittings, are electrically bonded to give full end to end electrical continuity. On specific request, electrically discontinuous hose assemblies can be provided. For all type of end fittings, the part of the fitting that enters the hose and forms the means by which the fitting is connected to the hose, is provided with scrolls on the surface, that correspond to the pitch of the internal helix wire of the hose. Then, the end fittings will be attached to the hose by the use of a special designed lip seal, made from elastomeric materials depending on the chemical resistance to the product conveyed, and a metal ferrule which can be externally swaged or crimped. This system guarantees a great safety to the complete assembly.

TYPE	PICTURE	SIZE	MATERIAL	CODE	ATTACHMENT
MALE THREADED Round <i>Bspp (parallel thread) flat face</i> <i>Bspt (tapered thread) flat face</i> <i>Bspp Cone seat (60°)</i> <i>Npt</i> <i>Cassoni</i> <i>URT</i> <i>UNI 45 – UNI 70</i>		3/4" – 6"	<i>St. Steel 304 L / 316L</i> <i>Brass</i> <i>Aluminium</i> <i>Carbon Steel</i> <i>Polypropylene</i> <i>PTFE</i> <i>PVDF</i>	IMF OMF AMF CMF PMF TMF VMF	<i>St. Steel Ferrules</i> <i>Aluminium Ferrules</i> <i>CarbonSteel Ferrules</i>
MALE THREADED Hexagonal <i>Bspp (parallel thread) flat face</i> <i>Bspt (tapered thread) flat face</i> <i>Bspp Cone seat (60°)</i>		3/4" – 4"	<i>St. Steel 304 L / 316L</i> <i>Brass</i> <i>Carbon Steel</i> <i>Aluminium</i>	IMFES OMFES CMFES AMFES	<i>St. Steel Ferrules</i> <i>Aluminium Ferrules</i> <i>CarbonSteel Ferrules</i>
WELDING END		3/4" – 12"	<i>St. Steel 304 L / 316L</i> <i>Carbon Steel</i> <i>Polypropylene</i>	IML CML PML	<i>St.St. Ferrules</i> <i>Aluminium Ferrules</i> <i>Carbon Steel Ferrules</i>
TURN BACK		3/4" – 12"	<i>St. Steel 304 L / 316L</i> <i>Carbon Steel</i> <i>Polypropylene</i> <i>PVDF</i> <i>PTFE</i> <i>PRFV Resin</i>	IST CST PST VST TST RST	<i>St.St. Ferrules</i> <i>Aluminium Ferrules</i> <i>CarbonSteel Ferrules</i>

TYPE	PICTURE	SIZE	MATERIAL	CODE	ATTACHMENT
SWIVEL NUT Round Pin lug female threaded <i>Bspp (parallel thread) flat face</i> <i>Bspp Cone seat (60°)</i> <i>Npt</i> <i>Cassoni</i> <i>URT</i> <i>UNI 45 – UNI 70</i>		¾" – 4"	<i>St. Steel 304 L / 316L</i> <i>Brass</i> <i>Carbon Steel</i>	SSNFS OSNFS CSNFS	<i>St. Steel Ferrules</i> <i>Aluminium Ferrules</i> <i>CarbonSteel Ferrules</i>
SWIVEL NUT Hexagonal Female threaded <i>Bspp (parallel thread) flat face</i> <i>Bspp Cone seat (60°)</i>		¾" – 3"	<i>St. Steel 304 L / 316L</i> <i>Brass</i> <i>Carbon Steel</i>	SSNFSES OSNFSES CSNFSES	<i>St. Steel Ferrules</i> <i>Aluminium Ferrules</i> <i>CarbonSteel Ferrules</i>
FIXED FLANGE <i>UNI/DIN – PN6/10/16/25/40</i> <i>ANSI / ASA – 150/300</i> <i>TTMA</i> <i>TABLE D / E - BS10 JIS</i>		¾" – 12"	<i>St. Steel 304 L / 316L</i> <i>Carbon Steel</i>	IFF CFF	<i>St. Steel Ferrules</i> <i>Carbon Steel Ferrules</i>
FLOATING FLANGE <i>UNI/DIN – PN6/10/16/25/40</i> <i>ANSI / ASA – 150/300</i> <i>TTMA</i> <i>TABLE D / E - BS10 JIS</i>		¾" – 12"	<i>Stainless Steel 304 L / 316L</i> <i>Carbon Steel</i> <i>S.S. Stub end + C.S. Flange</i> <i>S.S. Stub end + Brass Flange</i> <i>S.S. Stub end + Alum. Flange</i> <i>Polyprop. Stub end + PVC Fl.</i> <i>Polyprop. Stub end + Alum. Fl.</i> <i>PVDF Stub end + PVC Flange</i> <i>PTFE Stub end + PVC Flange</i>	IFG CFG ICFG IOFG IAFG PPFG PAFG VPPFG TPFG	<i>St. Steel Ferrules</i> <i>Carbon Steel Ferrules</i>
CAMLOCK MALE		¾" – 6"	<i>Stainless Steel 316L</i> <i>Aluminium</i> <i>Brass</i> <i>Polypropylene</i>	ICAMM ACAMM OCAMM PCAMM	<i>St.St. Ferrules</i> <i>Aluminium Ferrules</i> <i>Carbon Steel Ferrules</i>
CAMLOCK FEMALE		¾" – 6"	<i>Stainless Steel 316L</i> <i>Aluminium</i> <i>Brass</i> <i>Polypropylene</i>	ICAMF ACAMF OCAMF PCAMF	<i>St.St. Ferrules</i> <i>Aluminium Ferrules</i>
NULOCK SAFETY HANDLE CAMLOCK FEMALE		¾" – 4"	<i>Stainless Steel 316L</i>	ISAF	<i>St. Steel Ferrules</i>
SYMETRIQUE GUILLEMIN		1 ½" - 4"	<i>Stainless Steel 316L</i> <i>Aluminium</i>	SSYME ASYME	<i>St. Steel Ferrules</i> <i>Carbon Steel Ferrules</i> <i>Aluminium Ferrules</i>
STORZ		2" – 4 "	<i>Stainless Steel</i> <i>Aluminium</i>	ISTO ASTO	<i>St. Steel Ferrules</i> <i>Carbon Steel Ferrules</i> <i>Aluminium Ferrules</i>

TYPE	PICTURE	SIZE	MATERIAL	CODE	ATTACHMENT
ITALIAN RAPID MALE TYPE		1 ½" – 4 "	Brass	ORM	St. Steel Ferrules Aluminium Ferrules Carbon Steel Ferrules
ITALIAN RAPID FEMALE TYPE		1 ½" – 4 "	Brass	ORF	St. Steel Ferrules Aluminium Ferrule Carbon Steel Ferrules
TANKWAGEN DIN 28450 MALE VK TYPE		2" – 4"	Stainless Steel 316L Brass	ITWVK OTWVK	St. Steel Ferrules Aluminium Ferrules Carbon Steel Ferrules
TANKWAGEN DIN 28450 FEMALE MK TYPE		2" – 4"	Stainless Steel 316L Brass	ITWMK OTWMK	St. Steel Ferrules Aluminium Ferrules Carbon Steel Ferrules
TRICLAMP FERRULE		¾" – 4 "	Stainless Steel	ICLA	St. Steel Ferrules
ENO - GAROLLA		1 ½" – 4 "	Stainless Steel	IGAR	St. Steel Ferrules
UNI CARDAN – PERROT- BAUER		2" – 6 "	Stainless Steel Carbon Steel	IAGR CAGR	St. Steel Ferrules Aluminium Ferrules Carbon Steel Ferrules
NO-DROP FEMALE PART		¾" – 4 "	Stainless Steel Aluminium Brass	INDRF ANDRF ONDRF	St. Steel Ferrules Aluminium Ferrules Carbon Steel Ferrules
NO-DROP MALE PART		¾" – 4 "	Stainless Steel Aluminium Brass	INDRM ANDRM ONDRM	St. Steel Ferrules Aluminium Ferrules Carbon Steel Ferrules

TYPE	PICTURE	SIZE	MATERIAL	CODE	ATTACHMENT
DIN 11851 MALE PART THREADED		3/4" – 4 "	Stainless Steel	IDBF	St. Steel Ferrules
DIN 11851 TAPER PART + SWIVEL NUT		3/4" – 4 "	Stainless Steel	IDBG	St. Steel Ferrules
VAPOUR RECOVERY CAMLOCK WITH CENTRAL PROBE		4" x 3" 4" x 4"	Aluminium	ACAV	Aluminium Ferrules
EZ LUBE		<p>RESIDUE FREE LUBRICANTS - WATER BASED</p> <p>MATEC® GROUP, thanks to the great experience with all types of flexible hose, have recently formulated, in cooperation with a major chemical italian company, a New Biodegradable product specially engineered for the installation and assembly of flexible hoses.</p> <p>EZ LUBE offers a safe and simple way to speed up production and assembly operations for rubber and soft plastic parts!#</p> <p>The safe, easy way to improve production and assembly operations involving rubber, composite or PVC hoses.</p>			
EPTAFLON		<p>The EPTAFLON Advantage:</p> <p>A special coating protects your fittings in extreme conditions. Eptaflon coated fittings are commonly used in Petrochemical plants, desalination plants, Offshore platforms and undersea applications.</p> <p>What is EPTAFLON?</p> <p>It is a protective and corrosion resistant coating specifically designed for fittings. The unique fluorocarbon and polymer combination protects fittings against acids, solvents and salt spray.</p>			
ANTI OVER-BENDING SLEEVE		<p>These is a special thermo-shrinking PVC sleeve, which is fixed for approximately 200/300 mm at the hose end, to avoid bending underneath the minimum bending radius. Available in Black colour in all sizes or in Red Colour up to 3" .</p>			
ANTI ABRASION COLLAR		<p>These collars have been studied to reduce abrasion damage to the hose when is in direct contact with the floor. Anti-abrasion collars are made in abrasion resistant black polyethylene, directly fixed onto the outside diameter of the hose, at intervals from 300 to 600 mm, thus preventing floor contact.</p> <p>Also available the new scuffing-rings in shock resistant black PLT. This rings are manufactured in two halves and can be easily mounted on-site thanks to stainless steel bolts and nuts.</p>			
ROPE LAGGING		<p>External rope lagging can be provided to protect from abrasion as well as acts as a natural bending support. The rope also offers good insulation properties, particularly useful in the cryogenic applications.</p>			