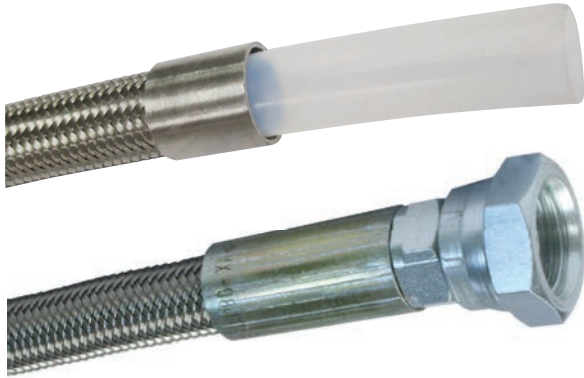


PTFE Hose



Technical Characteristics	
Application	Inert to practically all commercial chemicals, acids, solvents and hydraulic fluids, these assemblies absorb no moisture and have low volumetric expansion. Easy to clean and sterilise. Particularly suited to arduous flexing over an extended temperature range. Pharmaceutical and food processing industries - does not contaminate the media being passed through the hose. Tasteless and odourless
Available Options	<ul style="list-style-type: none"> • Bounce Ring Protectors and Spiral Guards • Specialist requirements such as heat traced and duplex assemblies • Antistatic liners are available for when electrically resistive fluids are being transferred at high flow rates

Smoothbore - Stainless Steel Braid



Technical Characteristics	
PTFE Material	FDA approved smooth bore
Braid Material	AISI 304 or AISI 316
Size Range	6mm to 25mm
Temperature Range	-60°C to 260°C

Smoothbore PTFE Hose c/w Stainless Steel Braid						
Size (inch)	Tube Wall Thickness (mm)	Braid OD (mm)	Tolerance +/- (mm)	Max. Working Pressure (Bar)	Min. Burst Pressure (Bar)	Min Bend Radius (mm)
1/4	0.64	8.64	0.60	241	724	76
3/8	0.64	13.21	0.60	219	655	127
1/2	0.76	15.40	0.60	161	483	140
5/8	0.89	18.40	0.75	138	414	165
3/4	0.89	22.10	0.85	114	345	203
1	1.10	29.75	1.20	69	207	305

All Hose Assemblies compliant with Pressure Equipment Directive 2014/68/EU

We reserve the right to change hose specifications without prior notice

Convuluted & Anti-Static – Stainless Steel Braid



Technical Characteristics	
PTFE Material	FDA approved black/white virgin convoluted or black anti-static convoluted
Braid Material	AISI 304, AISI 316 or synthetic polymer
Available Options	<ul style="list-style-type: none"> • Bounce Ring Protectors and Spiral Guards • Specialist requirements such as heat traced and duplex assemblies. • Antistatic liners are available for when electrically resistive fluids are being transferred at high flow rates.
Size Range	10mm to 100mm
Temperature Range	-60°C to 260°C

Convuluted & Anti-Static PTFE Hose c/w External Vacuum Wire and Stainless Steel Braid										
Size (in)	Braid ID (mm)		Wall Thickness (mm)	Braid OD (mm)		Bend Radius (mm)	Max. Working Pressure	Min. Burst Pressure	Vacuum (mbar) 20C	Weight (gr/m)
	(min)	(max)		(min)	(max)					
¼	5.5	6.9	0.76	11.4	13.3	25	35	170	744	150
⅜	8.5	10.5	0.76	14.7	16.5	25	35	170	744	203
½	11.6	13.6	0.89	17.9	20	25	50	250	947	220
⅝	15.1	16.4	0.89	24.7	25.8	35	35	170	947	320
¾	19.5	20.5	1	28.6	31.4	55	60	290	947	540
1	24.5	25.5	1.1	34.2	38.2	85	40	210	947	890
1¼	31.5	32.5	1.15	41.9	46.1	100	45	210	947	1180
1½	36.5	37.5	1.45	47.2	49.9	120	40	175	947	1710
1¾	44.5	45.5	1.45	55.8	61.4	135	25	135	947	2450
2	49.5	50.5	1.5	60.5	66.7	165	25	135	947	2610
2½	62.5	63.5	1.6	80.9	89.1	230	14	60	947	3440
3	73.5	74.5	1.6	90.4	99.6	260	12	65	947	4710
4	94.5	99.5	1.82	121.1	127.5	400	10	40	947	5550

All Hose Assemblies compliant with Pressure Equipment Directive 2014/68/EU

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Convoluted & Anti-Static – Polymer Braid



Technical Characteristics	
PTFE Material	FDA approved black/white virgin convoluted or black anti-static convoluted
Braid Material	Synthetic polypropylene yarn braid (Blue or Black)
Size Range	20mm to 100mm
Temperature Range	-30°C to 95°C

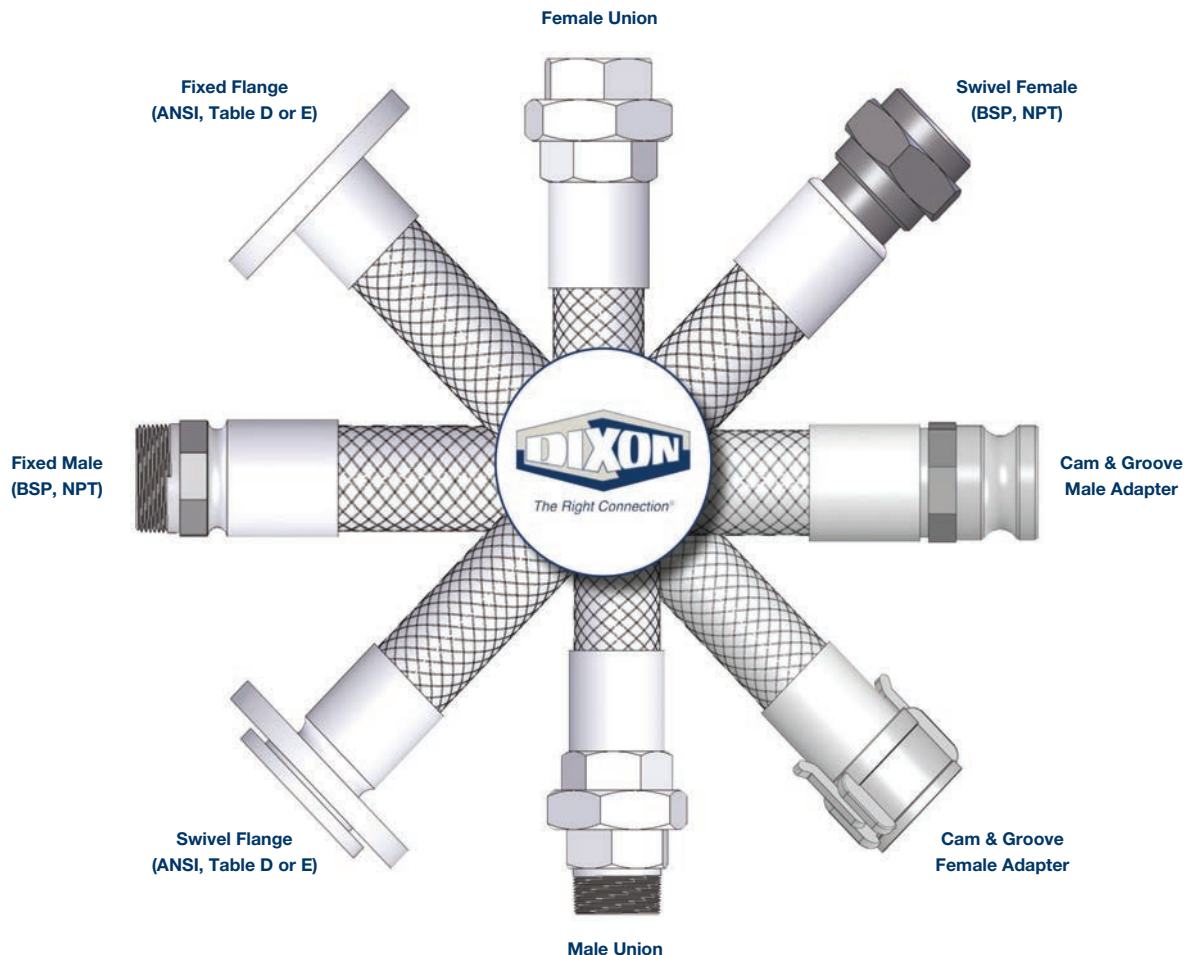
Convoluted & Anti-Static PTFE Hose c/w External Vacuum Wire and Polypropylene Braid										
Size (in)	Braid ID (mm)		Wall Thickness (mm)	Braid OD (mm)		Bend Radius (mm)	Max. Working Pressure	Min. Burst Pressure	Vacuum (mbar) 20C	Weight (gr/m)
	(min)	(max)		(min)	(max)					
¼	11.6	13.6	0.89	21.4	23.4	50	10	40	947	210
⅝	15.1	16.4	0.89	26.3	28.2	65	10	40	947	400
¾	19.5	20.5	1	31.1	33.9	55	10	40	947	490
1	24.5	25.5	1.1	36.7	40.7	85	10	40	947	810
1¼	31.5	32.5	1.15	44.4	48.6	100	10	40	947	1070
1½	36.5	37.5	1.45	49.7	52.4	120	10	40	947	1310
1¾	44.5	45.5	1.45	58.3	63.9	135	10	40	947	1850
2	49.5	50.5	1.5	62.5	69.2	165	10	40	947	2050
2½	62.5	63.5	1.6	83.4	91.6	230	10	40	947	3440
3	73.5	74.5	1.6	92.9	102.2	260	10	40	947	3920

All Hose Assemblies compliant with Pressure Equipment Directive 2014/68/EU

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Metallic & PTFE Assemblies – Standard End Configurations

Metallic and PTFE hose assemblies are available in a wide variety of end configurations in common materials including stainless steel, aluminium and mild steel.



Hoses Assemblies manufactured as an assembly to customer specification. Larger sizes available on request. All hoses are tested 150 p.s.i air under water and can be supplied with a wide range of certification if required.

All Hose Assemblies compliant with Pressure Equipment Directive 2014/68/EU

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