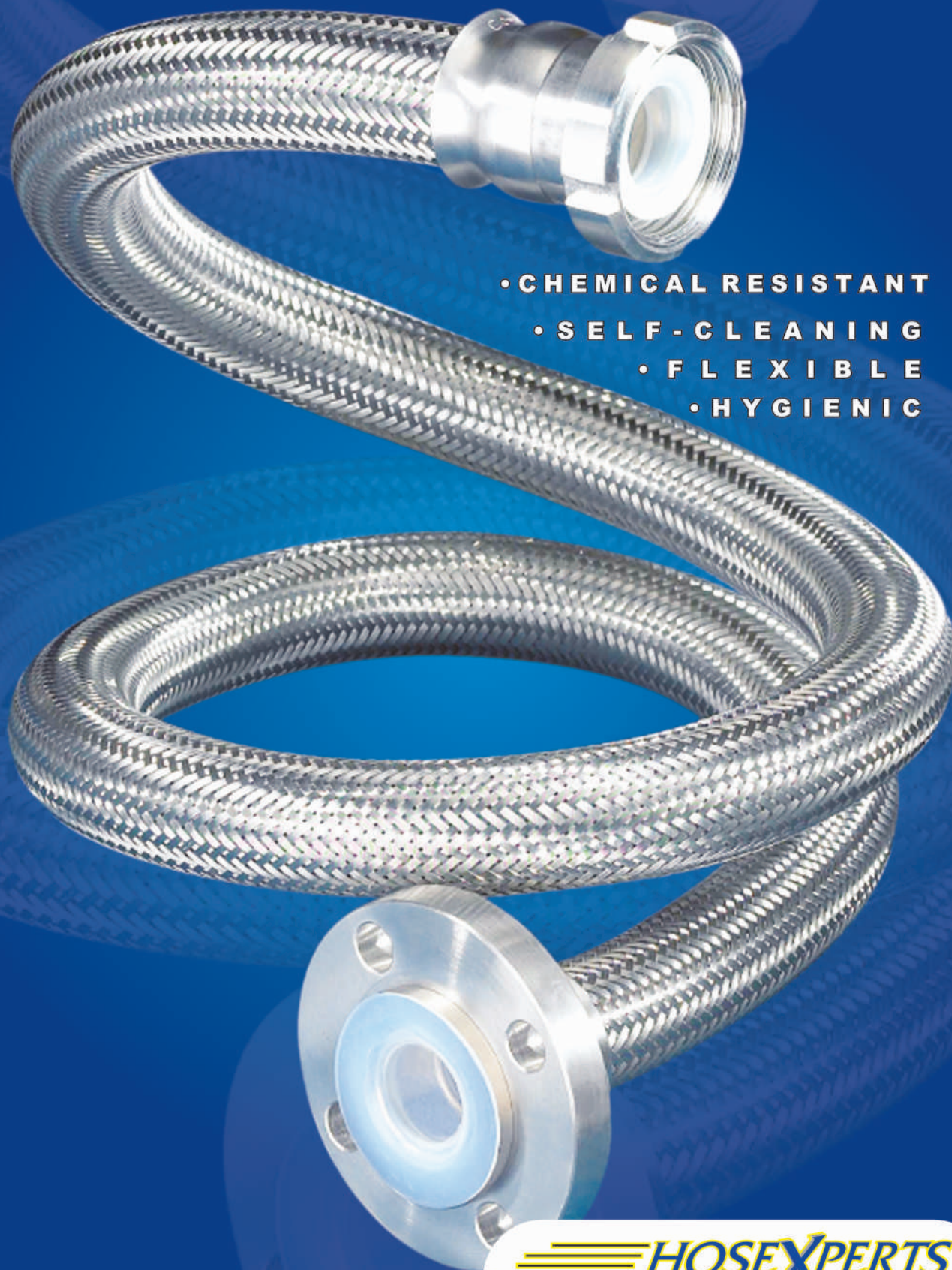


Fluid Connectors



- CHEMICAL RESISTANT
- SELF-CLEANING
- FLEXIBLE
- HYGIENIC

HOSEXPERTS
www.hosexperts.com

One Stop Solution For Flexible Hoses

TEFLON (PTFE) HOSE WITH SS BRAID

- Teflon, or Polytetrafluoroethylene (PTFE), to give it its full chemical name, was discovered in 1938 by DuPont scientist Dr. Roy Plunkett.
- Teflon/PTFE is a plastic resin in the Fluorocarbon group.
- This high molecular weight resin displays outstanding resistance to a wide variety of chemicals. Combined with its superior nonstick properties and wide temperature range, hoses made from Teflon/PTFE are the ideal problem solvers for virtually all aggressive applications.

Features/Benefits

- A wide operating temperature range (-60°C to +260°C)
- Inert to virtually all chemicals
- Resistance to weathering/ageing • Unaffected by UV light
- Resistant to oxidation, surface fouling and discolouration
- Non-flammable • Lightweight • Superior flex fatigue life
- Low permeability • Extremely low frictional properties
- Unlimited shelf life • Preformable • Solvent resistant
- Minimal force-to-bend • Full I.D. size • Drains easily
- Can be autoclaved and sterilized • High pressure rated
- Full vacuum rated • Thick tube design

304 Stainless Steel Braid

- Adds further bending capability to the hose
- Increases pressure rating
- 5 lines of text call-out
- Adds mechanical strength
- Facilitates fitting(s) attachment
- Protects inner-core from abrasion

Applications

- Mold press
- Paint spray
- Adhesive conveying
- Steam transfer
- Instrumentation panels
- Oil supply lines
- Filling equipment
- Sanitary transfer
- Acid transfer
- Feed lines
- Solvent transfer

SMOOTH BORE PTFE

SIZE		ID	OD	WALL THICKNESS	WORKING PRESSURE		BREAKING PRESSURE		BENDING RADIUS
inch	mm	mm	mm	mm	bar	psi	bar	psi	mm±3mm
3/16	5	4.64-5.17	7.29-8.48	0.75	251	3640	613	8891	76
1/4	6	5.96-6.83	8.22-9.46	0.76	228	3307	542	7861	81
5/16	8	7.55-8.39	10.31-11.71	0.8	190	2756	530	7687	131
3/8	10	9.91-10.67	12.73-14.18	0.89	159	2306	443	6425	182
1/2	13	12.54-13.37	15.72-16.73	0.95	136	1973	417	6048	211
5/8	16	15.19-16.59	18.57-20.18	1.0	99	1436	378	5482	252
3/4	19	18.75-20.78	22.15-23.77	1.2	95	1378	304	4409	342
7/8	22	21.39-23.05	24.59-27.03	1.5	93	1349	235	3408	421
1	25	24.25-25.85	28.45-29.65	1.5	76	1102	196	2843	501

CONVOLUTED BORE PTFE

inch	mm	mm	mm	mm	bar	psi	bar	psi	mm±3mm
1/4	6	5.75-6.55	9.85-10.55	1.0	151	2189	450	6525	32
5/16	8	7.75-8.55	12.25-13.15	1.0	126	1827	370	5365	36
3/8	10	9.14-10.25	15.85-16.55	1.0	105	1522	324	4698	59
1/2	13	12.45-13.25	18.45-19.35	1.0	90	1305	270	3915	82
5/8	16	15.35-16.25	24.85-25.55	1.5	72	1044	255	3697	95
3/4	19	18.6-19.85	28.25-29.55	1.5	60	870	231	3349	113
7/8	22	21.84-22.86	32.25-33.55	2	52	754	189	2740	145
1	25	24.89-26.16	35.55-36.85	2	47	681	144	2088	189

FITTINGS

A full range of fittings are available. Design options allow you to connect directly...without the need for adaptors, which minimizes the number of connections, decreases potential leak points and reduces costs.

SANITARY STYLES

Tri-Clamp

Tri-Clamp



Sanitary Elbow, 90° or 45°



THREADED STYLES

Female JIC Swivel

Male NPT



Female NPT

Union Adapter, Female and Male



INDUSTRIAL STYLES

ANSI, Lap Joint Flange

Female Cam & Groove



Tube Stub, No Hex or Groove

Male Cam & Groove

