

FLEXIBLES (UK) LTD

CONVOLUTED HOSE

TAPE WRAPPED

Combining extreme flexibility of application, corrosion resistance, long term durability and chemical inertness, this hose can be used in many diverse applications.

Chemical transfers, food handling, and various processing applications, from pure water to hazardous waste. This cost effective hose can replace existing nylon, rubber, metal hose or solid piping and tubing.

Constructed using a helical tape wrapped PTFE with a glass fibre overlay, overbraided with AISI 304/316 stainless steel.

Anti-static versions available.

The tape-wrapped convoluted hose assemblies are also highly resistant to the demands of thermal cycling in laundries, rubber and plastic moulding and other types of steam service characterised by frequent on/off cycles. However they are not recommended for steam-cold water cycling applications.

Working temperature range -54°C to 200°C (65°F to 400°F).



TAPE WRAPPED CONVOLUTED RANGE

Size	Braid O.D. Nominal		Tolerance +/-		Braid I.D. Nominal		Tolerance +/-		Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	
	in	mm	in	mm	in	mm	in	mm	psi	bar	psi	bar	mm	in
3/8	15.00	0.540	0.60	0.024	9.65	0.375	0.60	0.024	1,000	69	4,000	276	25	1.000
1/2	19.18	0.820	0.80	0.031	13.45	0.500	0.80	0.031	1,250	86	5,000	345	38	1.500
5/8	23.04	0.910	0.80	0.031	16.48	0.625	0.80	0.031	1,400	97	5,600	386	51	2.000
3/4	26.87	1.070	0.80	0.031	19.85	0.750	0.80	0.031	1,100	76	4,400	303	64	2.500
1	32.90	1.340	0.80	0.031	25.88	1.000	0.80	0.031	875	60	3,500	241	76	3.000
1 1/4	39.78	1.570	0.80	0.031	32.30	1.250	0.80	0.031	875	60	3,500	241	89	3.500
1 1/2	45.70	1.810	0.80	0.031	38.85	1.500	0.80	0.031	750	52	3,000	207	114	4.500
2	58.27	2.320	0.80	0.031	51.18	2.000	0.80	0.031	500	34	2,000	138	133	5.250

Notes: Wall thickness not available (composite hose).

