



Key Features

- Excellent chemical resistance
- Lowest coefficient of friction of any known solid material
- Excellent temperature range
- Non-toxic - Odourless and flavourless
- Chemically Inert and solvent resistant
- Lightweight
- Very resistant to weathering and ageing

Standards & Specifications

BS EN ISO 9001:2008, FDA 21 CFR 178.3287, 3A Sanitary Standards, SAE J1737, EN10204, EN45014, ATEX Directive 94/9/EC

Description

A medium wall convoluted antistatic PTFE hose reinforced with a stainless steel braid which is designed to stop elongational growth and increase working pressures. This hose has excellent resistance to both kinking and vacuum.

Applications

Suitable for a wide variety of applications however most commonly found in; Food handling and production, pharmaceutical and bio-medical transfer applications, fluids associated with high temperatures, petrochem and specialist chemical transfer, beverage handling and production.

Construction

Liner

Black, antistatic PTFE with standard profile convolutions

Reinforcement

Braid acts as reinforcement

Cover

Single layer of high tensile AISI 304 stainless steel braid

Temperature Range

-60°C to +260°C

Specification									
Size	ID (mm)	OD (mm)	Wall (mm)	Bend Radius (mm)	WP (bar)	BP (bar)	Vacuum (mbar 20°C)	Weight (kg/m)	Product Code
1/4"	7.00	14.00	0.76	25	35	170	744	0.15	T6431-006
3/8"	9.65	19.00	0.76	25	35	170	744	0.20	T6431-010
1/2"	13.08	21.00	0.89	50	50	250	947	0.22	T6431-012
5/8"	16.00	25.00	0.89	65	35	170	947	0.32	T6431-016
3/4"	19.00	30.00	1.00	55	60	290	947	0.54	T6431-019
1"	25.40	38.00	1.20	85	40	210	947	0.89	T6431-025
1 ¼"	31.00	44.00	1.20	100	45	210	947	1.18	T6431-032
1 ½"	35.50	48.00	1.60	120	40	175	947	1.71	T6431-040
1 ¾"	44.00	59.00	1.60	135	25	135	947	2.45	T6431-045
2"	47.50	63.00	1.60	165	25	135	947	2.61	T6431-050
2 ½"	60.25	80.00	1.30	230	14	60	947	3.44	T6431-065
3"	74.00	96.00	1.50	260	12	65	947	4.71	T6431-080
4"	100.00	128.00	2.50	300	10	40	947	5.55	T6431-100
6"	150.00	189.00	2.50	520	6	24	554	6.75	T6431-150