



### 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

### Temperature Range

-60°C to +260°C

### Description

A medium wall antistatic PTFE hose with a smoothbore liner and a convoluted outer reinforced with a stainless steel braid which is designed to stop elongational growth and increase working pressures. The unique construction properties of this hose along with its helical convolution give it excellent flexibility, kink and vacuum resistance.

### 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 smoothbore and convoluted outer

#### Reinforcement

Braid acts as reinforcement

#### Cover

Single layer of high tensile AISI 304 stainless steel braid

Specification								
Size	ID (mm)	OD (mm)	Wall (mm)	Bend Radius (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Product Code
1/4"	6.80	9.60		19	88	554	0.09	T6451-006
3/8"	7.90	10.60		19	84	529	0.12	T6451-008
1/2"	10.00	13.50		25	80	520	0.16	T6451-010
5/8"	13.60	17.50		38	60	380	0.22	T6451-012
5/16"	16.70	21.40		50	50	360	0.33	T6451-016
3/4"	19.80	24.20		63	42	250	0.17	T6451-019
1"	26.40	31.70		75	40	260	0.54	T6451-025