



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 177.1550, 3A Sanitary Standards, SAE J1737, EN10204, EN45014,

Temperature Range

-60°C to +260°C

Description

A medium wall virgin PTFE hose with a smoothbore liner and a convuluted 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 convoluted 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, virgin PTFE with smoothbore and convuluted 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	T6450-006
3/8"	7.90	10.60		19	84	529	0.12	T6450-008
1/2"	10.00	13.50		25	80	520	0.16	T6450-010
5/8"	13.60	17.50		38	60	380	0.22	T6450-012
5/16"	16.70	21.40		50	50	360	0.33	T6450-016
3/4"	19.80	24.20		63	42	250	0.17	T6450-019
1"	26.40	31.70		75	40	260	0.54	T6450-025