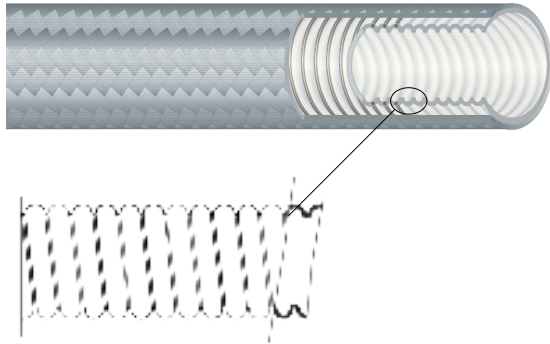


# T6421

PTFE Hose Assemblies

Braid Reinforced Vacuum Wired Convuluted Virgin PTFE Hose

Stainless Steel Braid Covering



### 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,

### Description

A medium wall convoluted virgin PTFE hose reinforced with a vacuum wire and 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

Transparent, virgin PTFE with standard profile helical convolutions

#### Reinforcement

External AISI 304 stainless steel wire support

#### 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	T6421-006
3/8"	9.65	19.00	0.76	25	35	170	744	0.20	T6421-010
1/2"	13.08	21.00	0.89	50	50	250	947	0.22	T6421-012
5/8"	16.00	25.00	0.89	65	35	170	947	0.32	T6421-016
3/4"	19.00	30.00	1.00	55	60	290	947	0.54	T6421-019
1"	25.40	38.00	1.20	85	40	210	947	0.89	T6421-025
1 ¼"	31.00	44.00	1.20	100	45	210	947	1.18	T6421-032
1 ½"	35.50	48.00	1.60	120	40	175	947	1.71	T6421-040
1 ¾"	44.00	59.00	1.60	135	25	135	947	2.45	T6421-045
2"	47.50	63.00	1.60	165	25	135	947	2.61	T6421-050
2 ½"	60.25	80.00	1.30	230	14	60	947	3.44	T6421-065
3"	74.00	96.00	1.50	260	12	65	947	4.71	T6421-080
4"	100.00	128.00	2.50	300	10	40	947	5.55	T6421-100
6"	150.00	189.00	2.50	520	6	24	554	6.75	T6421-150