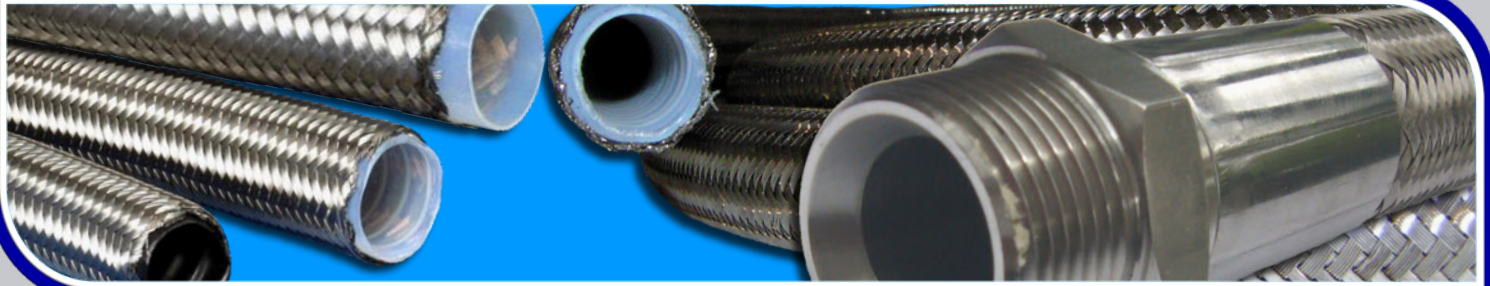


## EasyCrimp® PTFE Hose Type T6300



### Applications

FlexTech EasyCrimp® PTFE hoses are designed to meet the stringent temperature, pressure and vacuum service applications found in food, pharmaceutical, medical, beverage and dairy product application. Our PTFE hoses are very versatile and highly recommended for critical applications in many other industries including:-

- Food handling and production
- Fluids associated with high temperatures
- Petrochem & specialist chemical transferee
- Bottle filling
- De-ionised water transfer
- Beverage service, handling and production
- Conveyance of cosmetic solutions
- Fluids associated with pharmaceutical and bio-medical transfer and production
- Production of dairy products
- Compensation of vibrations and pipe work misalignment within a production line

Please contact the FlexTech sales team details concerning your particular application.

### 'Bespoke Assemblies'

FlexTech also manufacture a comprehensive range of Silicone, Rubber and Metallic hose assemblies. Please contact the sales office for more details.



## EasyCrimp® PTFE Hose

### T6300 PTFE Hose

Available for use only with hydraulic fittings with crimped connections.

The hose is constructed from a low profile helically convoluted PTFE (Polytetrafluorethylene) tube which is suitable for working pressures up to 172 Bar and a maximum operating temperature of +260°C.



### Design and installation Guides...

FlexTech's PTFE hoses may be flexed in accordance with one or a combination of motions as described in our installation guides.

It is important to calculate the length of hose that will not be flexed below the minimum bend radius to obtain optimum reliability - please contact our sales office for further details.

- Manufactured to ISO 9002 Quality Standards
- US - 21 CFR 177.1550 FDA compliant
- Hygienic connections from grade 316L stainless steel with surface finish of 0.8u, M Ra. minimum. Polished ends to order.

## EasyCrimp® PTFE Hose Type T6300



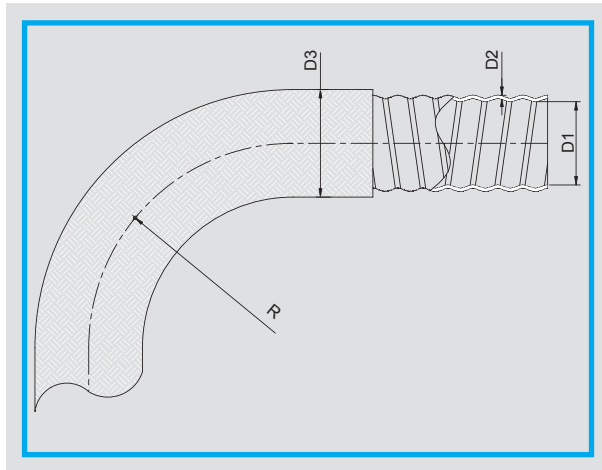
### Technical Information

#### T6300 PTFE Hose...

Is a low profile helically convoluted heavy wall PTFE hose available in virgin or antistatic grade which meets the requirements of 21 CFR 177.1550 FDA.

Temperature range from -70°C to + 260°C.

Antistatic version with resistance of  $<10^7$  Ohms as recommended in BS2050 (1978)



Size	D1		D2	D3				R		Pressure Ratings (BAR)				Weight	
	Size (mm)			Wall (mm)	St/St Braided		Polyprop Braided		Radius		Working		Burst		gr/mtr
	Min	Max	Min		Max	Min	Max	St/St Braided	Polyprop Braided	St/St Braided	Polyprop Braided	St/St Braided	Polyprop Braided	St/St Braided	Polyprop Braided
1/4"	5.95	6.45	0.76	9.14	9.65	12.1	12.7	18	18	172	10	517	40	177	83
5/16"	7.75	8.26	0.76	12.19	12.70	15.2	15.7	25	25	155	10	465	40	195	90
3/8"	8.99	10.00	0.76	12.95	13.97	17.0	18.0	22	22	138	10	414	40	212	110
1/2"	12.45	13.08	0.89	18.16	19.18	21.4	23.4	25	25	103	10	310	40	303	130
5/8"	15.37	16.38	0.89	21.59	22.61	26.3	28.2	51	51	83	10	248	40	361	240
3/4"	18.54	19.56	0.89	24.00	25.27	31.1	33.9	64	64	69	10	207	40	430	340
7/8"	21.84	22.86	0.89	27.94	29.46	36.7	40.7	76	76	57	10	172	40	517	460
1"	24.89	26.16	1.02	32.13	33.65	44.4	48.6	89	89	46	10	138	40	653	570
1 1/4"	31.95	32.46	1.02	40.21	41.22	49.7	52.4	125	125	34	10	103	40	750	710
1 1/2"	39.12	39.62	1.02	49.02	49.53	58.3	63.9	150	150	30	10	90	40	800	1050
2"	49.91	50.93	1.09	59.18	60.20	62.5	69.2	200	200	23	10	69	40	950	1150

**NOTE:**

Temperature Range:- for Polypropylene Braided Hoses -70°C +90°C

Vacuum Rating :- not recommended

All information calculated at 20°C - Pressure drop decreases by 1% for every 1°C increase in temperature