



Certificate No. 6872

High Pressure PVC Hose

Techniflex Translucent PVC High Pressure Food Quality Hoses

Description: Flexible, very strong, resistant to abrasion according to DIN 53516: mm3 90. Smooth inside and outside.

Applications: Universal hose for suction and delivery of liquid foodstuffs, drinking water, spirits to 28%, where heavy use conditions are demanded.

Advantages: Two layers in soft PVC with steel spiral which is embedded in the first layer and with polyester reinforcement between the first and second layer.

End Connections: All end fitting types, sizes and materials can be attached to hoses by Puresil Techniflex if required.

Colour: Clear transparent to aid visual flow of products.

Temperature Range: From -5°C to +65°C.

I.D MM	WALL THICKNESS MM.	WEIGHT GR. /MTR.	BENDING RADIUS MM.	VACUUM	WORKING PRES-SURE 20bar 1:3	WORKING PRESSURE 20bar 1:4	BURSTING PRESSURE BAR	COIL LENGTH MTR.
19	4.5	400	80	9	20	15	60	60
25	5.25	680	90	9	20	15	60	60
32	5.25	800	110	9	16	12	48	60
38	6.5	1150	135	9	14	10	42	30
40	6.5	1200	140	9	14	10	42	30
45	6.5	1400	155	9	14	10	42	30
50	6.5	1600	170	9	14	10	42	30
60	7	1980	200	9	12	10	36	30
63	7	2050	210	9	12	9	36	30
76	8	2800	250	9	12	9	36	30
80	8	3100	300	9	10	8	30	30
90	8.5	3500	350	9	10	8	30	30
102	8.5	3900	400	9	10	8	30	30

PLEASE NOTE: ALL TECHNICAL SPECIFICATIONS APPLY TO A TEMPERATURE OF =23°C ± 2°C (ISO 291)
- TOLERANCE ON ALL 44 SPECIFICATIONS IS +/- 5%



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Safe-Lok End Fittings

All PTFX Hygienic and High Purity Hose Assemblies are supplied with our range of Safe-Lok Sanitary and Hygienic Swaged Hose Fittings and End Connections.

Safe-Lok end connections have been specifically designed to eliminate crevices and bacteria traps where the end connections are crimped into the ends of the hose, this ensures that the products transferred do not become entrapped between the hose insert and the hose liner; offering a smooth transitional flow of all medias.

A wide range of end connections are available including Tri-Clover (Sanitary Clamp), BSP, RJT, DIN, IDF, SMS, ILC; Male & Female ends in sizes ranging from 1/4" (6.4mm) to 4" (101.6mm) N/B.

The Safe-Lok hose ends have been specially produced for use with Pharmaceutical, Biotechnological, Cosmetic and Food applications.

All straight fittings are made from one-piece machined from 316 Stainless Steel. 90° and 45° elbow fittings and special ends are all hygienically welded and polished to a high standard. This concept is compatible with most standard CIP and SIP in line cleaning systems. No strip down of the hose is necessary for cleaning.

The standard machined internal surface finish of Puresil- Techniflex end fittings is 0.05µm Ra or better, improved surface finishes can be achieved by Electro Polishing.

