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## Fluoroflow TLCT

<b>Description:</b>	A combined hose with FEP (Teflon) lining giving superb chemical resistance, with a rubber cover providing both flexibility and wear resistance
<b>Liner:</b>	White, smooth bore extruded Teflon FEP.
<b>Construction:</b>	Reinforced with textile plies and fully embedded steel wire helix.
<b>Cover:</b>	Green with grey TLCT brand spiral stripe, EPDM rubber, smooth and pinpricked
<b>Terminations:</b>	Series 7000 hygienic permanently attached coupling
<b>Note :</b>	All properties at ambient temperature. Test pressure is 1.5 times working pressure in all cases  Hoses may on request be supplied with higher working and test pressures



**Approvals:** FDA CFR 21 177.2600, USP XXI Class VI

**Features:**

- Liner will not affect taste, colour or odour of product
- Smooth non-stick internal bore minimises product hold up
- Suitable for dairy products
- Fluoropolymer lining (Teflon) provides outstanding chemical resistance
- Abrasion resistant covering for arduous use
- Suitable for suction (vacuum) duty
- Detergent or Caustic (CIP) cleanable
- Steam cleanable (short duration) SIP
- Autoclavable

**Hose Assemblies**

All hose assemblies are manufactured using our series 7000 Coupling which offers enhanced hygiene and safety with improved service life.

FlexRite Chemgiene manufacture all fittings in 316 stainless steel suitable for food and pharmaceutical use.

Each assembly is hard stamped with the date of assembly and test, the test pressure and a unique manufacturing reference - providing product traceability and ease of re-ordering.

Products are accompanied by a certificate of compliance and test to EN10204 Type 2.2.

FlexRite Chemgiene supply the complete range of hygienic fittings including RJT, IDF/ISS, DIN, SMS and Tri-Clamp and general industry standard hose fittings. We also have extensive experience in the manufacture of special fittings to suit specific customer requirements.

Hose Part Number	Bore Diameter		Working Pressure	Min Bend Radius	Weight	Vacuum Rating	Working Temp		Min Burst Pressure
	Nominal						Min °C	Max °C	
	in	mm	bar (g)	mm	kg/m	bar (g)			bar (g)
7044	½	13	10	76	0.5	-1.0	-40	177	147
7044	¾	20	10	115	0.9	-1.0	-40	177	140
7044	1	25	10	152	1.1	-1.0	-40	177	126
7044	1½	40	10	279	1.8	-1.0	-40	177	94
7044	2	50	10	343	2.3	-1.0	-40	177	84
7044	2½	65	10	458	3.5	-1.0	-40	177	62
7044	3	80	10	559	3.7	-1.0	-40	177	48
7044	4	100	10	864	5.3	-1.0	-40	177	41

**Options:** 1) Recognition/External Smoothing - Heat shrink PVC in various colours. 2) Sight Glass - In-line Non-Glass Sight Glass incorporated into hose assembly. 3) End Protection - Rubber nut protection rings. 4) Special Couplings - 45° and 90° Elbows, Valves, Quick release couplings.