

Leaders in Flexible Transfer Solutions

Central Sales and Manufacturing

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Chem-Rite T509OE



Description:	An industry standard Acid and Chemical Suction and Delivery Hose. Suitable for 98% of existing chemicals and food products.
Liner:	Transparent (UMPHE) Ultra High Molecular Weight Polyethylene.
Construction:	Reinforced with high tensile textile cords and embedded steel helix.
Cover:	Blue EPDM Rubber with T-509 Brand in Orange Letters
Terminations:	Series 7000 hygienic permanently attached coupling
Note :	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

Features:

- Smooth internal bore minimises product hold up
- High flexibility
- 16 Bar working pressure
- Suitable for steam sterilisation

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)
4030	¾	20	16	125	0.6	-0.9	-40	80	48
4030	1	25	16	150	0.7	-0.9	-40	80	48
4030	1¼	32	16	175	0.9	-0.9	-40	80	48
4030	1½	40	16	225	1.0	-0.9	-40	80	48
4030	2	50	16	275	1.3	-0.9	-40	80	48
4030	2½	63	16	300	1.9	-0.9	-40	80	48
4030	3	75	16	350	2.9	-0.8	-40	80	48
4030	4	100	16	450	3.8	-0.8	-40	80	48

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.

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