

**Central Sales and Manufacturing**

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### Super-Flex Metallic 321/316



**Description:** A stainless steel annular corrugated hose with a close pitch for extreme flexibility

**Liner:** 321 SS / DIN 1.4541 stainless steel, corrugated, close pitch

**Construction:** Independent overbraid welded at fittings

**Cover:** Single stainless steel braid, 304 SS / DIN 1.4301

**Terminations:** Welded ferrule and coupling in 316 SS

**Approvals:** ISO 10380

**Features:**

- An extremely flexible hose (in metallic hose terms) exceeding Type 1 ISO 10380 flexibility by 25%
- High cycle life for dynamic bending
- Suitable for suction (vacuum) duty

**Hose Assemblies**

These hose assemblies are manufactured with a fully welded hose ferrule and coupling, providing a rugged design for maximum service life.

Each assembly is engraved with our unique manufacturing reference—providing 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 Nominal		Static Working Pressure bar (g)	Bend Radius		Weight Kg/m	Vacuum Rating bar (g)	Working Temp		Min Burst Pressure bar (g)
	in	mm		Dynamic mm	Static mm			Min °C	Max °C	
9057	¼	6	200	140	20	0.2	-1.0	-200	700	680
9057	⅜	10	131	150	20	0.3	-1.0	-200	700	465
9057	½	13	115	124	25	0.4	-1.0	-200	700	410
9057	¾	20	69	169	38	0.5	-1.0	-200	700	220
9057	1	25	54	195	45	0.7	-1.0	-200	700	170
9057	1¼	32	46	225	58	1.0	-1.0	-200	700	170
9057	1½	40	37	225	70	1.3	-1.0	-200	700	150
9057	2	50	40	293	85	2.0	-1.0	-200	700	156
9057	2½	65	31	345	105	2.8	-1.0	-200	700	105
9057	3	80	30	520	180	4.3	-1.0	-200	700	97
9057	4	100	20	600	210	5.6	-1.0	-200	700	65
9057	6	150	14	-	290	8.0	-1.0	-200	700	48

**Options :** 1) Heating—Jacketed duplex assemblies. 2) Special Couplings - 45° and 90° Elbows, Valves, Quick release couplings