

Central Sales and Manufacturing

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True-Flex Metallic 321/316



Description: A stainless steel annular corrugated hose with a standard pitch suitable for the majority of applications

Liner: 321 SS / DIN 1.4541 stainless steel, corrugated, standard 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

NOTE: Hoses may on request be supplied with higher working and test pressures

Approvals: ISO 10380

Features:

- A high flexibility hose (in metallic hose terms) meeting Type 1 ISO 10380 flexibility
- Suitable for suction (vacuum) duty
- High cycle life for dynamic bending

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 | |
| 9055 | ¼ | 6 | 200 | 140 | 25 | 0.2 | -1.0 | -200 | 700 | 560 |
| 9055 | ⅜ | 10 | 131 | 150 | 38 | 0.3 | -1.0 | -200 | 700 | 400 |
| 9055 | ½ | 13 | 115 | 165 | 45 | 0.3 | -1.0 | -200 | 700 | 320 |
| 9055 | ¾ | 20 | 69 | 225 | 70 | 0.5 | -1.0 | -200 | 700 | 200 |
| 9055 | 1 | 25 | 54 | 260 | 85 | 0.6 | -1.0 | -200 | 700 | 160 |
| 9055 | 1¼ | 32 | 46 | 300 | 105 | 0.9 | -1.0 | -200 | 700 | 160 |
| 9055 | 1½ | 40 | 37 | 340 | 130 | 1.2 | -1.0 | -200 | 700 | 128 |
| 9055 | 2 | 50 | 40 | 390 | 160 | 1.8 | -1.0 | -200 | 700 | 138 |
| 9055 | 2½ | 65 | 26 | 460 | 200 | 2.3 | -1.0 | -200 | 700 | 100 |
| 9055 | 3 | 80 | 22 | 660 | 240 | 3.6 | -1.0 | -200 | 700 | 92 |
| 9055 | 4 | 100 | 18 | 750 | 290 | 4.8 | -1.0 | -200 | 700 | 60 |
| 9055 | 6 | 150 | 11 | - | 390 | 6.6 | -1.0 | -200 | 700 | 46 |

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