



Flexible hose assemblies

For high pressure pneumatics

Features

- Working pressure to 414 bar (6,000 psi)
- Burst pressure 1,655 bar (24,000 psi) minimum
- Operating temperature of -40°C to +70°C
- Minimum bend radius of 20mm

Flexible hose assemblies from Ultra Electronics Precision Air Systems are specifically designed for the transfer of high-pressure gasses and pure air in demanding aerospace and defence applications. They are ideally suited for transferring air from fixed to moving structures such as bomb-bay and landing gear doors, armoured vehicle turrets and gimballed seeker mounts.

Hoses can be supplied with a wide range of end fittings such as Swagelok®, 'fingertight' and JIC. Where appropriate the hoses can be pre-formed to meet critical installation requirements and cleaned and compatibility tested for pure air to DEF STAN 58-96.

Construction

- **Tube Liner:** Teflon® Co-Polymer
- **Reinforcement:** Kevlar® braid
- **Cover:** Stainless Steel braid (418S) or Thermoplastic cover (418T)

418S

- Nominal i/d: 2.2mm
- Nominal o/d: 5.6mm

418T

- Nominal i/d: 1.8mm
- Nominal o/d: 5.3mm

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