

Hastelloy braid (HB) grade hoses



Corroflon

Features and benefits

- Natural or anti-static patented PTFE liner
- The shallow convoluted liner design delivers exceptional flexibility while minimising restriction in flow rate
- Vacuum and kink resistant
- High temperature and pressure capability
- Chemical resistant
- PTFE lined and non-lined end fittings
- Range of braid, cover and external protection options available



Technical specifications

	Hastelloy braid (HB) grade hoses
Nominal bore size	15 - 50 mm (0.5 - 2 in)
Actual bore size	11.2 - 43 mm (0.44 - 1.69 in)
Length	22 m (72 ft)
Outside diameter	17.8 - 55.6 mm (0.7 - 2.19 in)
Max. operating pressure	32.8 bar (476 psi)
Burst pressure	80 - 360 bar (1160 - 5,220 psi)
Certification and compliance	3.1 Traceability, ATEX, EN16643:2016, EU Regulation 10/2011, FDA (materials), ISO 14001:2015, ISO 9001:2015, OHSAS 18001:2015
Operating temperature	-73 °C to 260 °C (-99 °F to 500 °F)
Bend radius	38 - 140 mm (1.5 - 5.25 in)
Weight per unit length	0.33 - 2.1 kg/m
Weight per unit length	0.22 - 1.41 lb/ft
Cover	None
Hose external protection options	Protection coil, Safeguard, Scuff rings
End fitting	90° elbow fittings, BSP and NPT threaded fittings, CAM and groove fittings, DIN 11851 fittings, JIC fittings, PTFE dip pipe fittings, Sanitary triclamp fittings, SMS and RJT fittings, Swivel flange fittings
Labelling options	Colour coding, Standard
Vacuum resistance	Vacuum resistant to -0.9 bar up to 150 °C (302 °F)

Materials of construction

	Hastelloy braid (HB) grade hoses
Helical wire	Stainless steel
Liner tube	Anti-static PTFE, Natural PTFE
Braid	Hastelloy
Wire braid	Hastelloy
Fitting liner	PTFE

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