

# 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 minimizing 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	0.5 - 2 in (15 - 50 mm)
Actual bore size	0.44 - 1.69 in (11.2 - 43 mm)
Length	72 ft (22 m)
Outside diameter	0.7 - 2.19 in (17.8 - 55.6 mm)
Max. operating pressure	476 psi (32.8 bar)
Burst pressure	1160 - 5,220 psi (80 - 360 bar)
Certification and compliance	(EU) 10/2011, 3.1 Traceability, ATEX, EN16643:2016, FDA (materials), ISO 14001:2015, ISO 9001:2015, OHSAS 18001:2015
Operating temperature	-99 °F to 500 °F (-73 °C to 260 °C)
Bend radius	1.5 - 5.25 in (38 - 140 mm)
Weight per unit length	0.22 - 1.41 lb/ft (0.33 - 2.1 kg/m)
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	Color coding, Standard
Vacuum resistance	Vacuum resistant to -0.9bar up to 150C (302F)

## Materials of construction

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

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