

Aramid fibre braid grade hoses



Corroflon

Features and benefits

- Increased abrasion resistance
- Longer service life
- Increased temperature range compared to polypropylene braid
- Higher working pressure compared to polypropylene braid
- Antistatic externally due to two antistatic tracer wires
- Safer for manual handling compared to metallic braids



Aramid fibre braid grade hoses performance

Nominal hose bore size		Bore inside convolutions		Corroflon grade (braid)	Maximum working pressure of hose		Burst pressure		Minimum bend radius	
in	mm	in	mm		bar	psi	bar	psi	in	mm
1	25	0.847	21.5	AMB	31	450	124	1,800	2 1/4	70
1 1/2	40	1.250	32.0	AMB	23	335	92	1,335	4	100
2	50	1.690	43.0	AMB	20	290	80	1,160	5 1/2	140

AMB = Aramid gold braid

Technical specifications

	Aramid fibre braid grade hoses
Nominal bore size	25 - 50 mm (1 - 2 in)
Actual bore size	21.5 - 43 mm (0.847 - 1.69 in)
Length	22 m (72 Ft)
Max. operating pressure	31 bar (450 psi)
Burst pressure	80 - 124 bar (1160 - 1,800 psi)
Certification and compliance	EN16643:2016, TRBF 131/2
Operating temperature	-55 °C to 180 °C (-100 °F to 356 °F)
Bend radius	70 - 140 mm (2.75 - 5.5 in)
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
Vacuum resistance	Vacuum resistant to -0.9 bar

Materials of construction

	Aramid fibre braid grade hoses
Helical wire	Stainless steel
Liner tube	Anti-static PTFE
Braid	Aramid fibre

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