Corroline+

Corroline+

Features and benefits

- Very flexible and reinforced to withstand the most severe conditions of physical abuse
- Fully kink and crush resistant
- Anti-static and fireproof rubber cover
- Smooth bore for fast flow and easy clean
- Natural or anti-static PTFE liner
- PTFE-lined and non-lined end fittings
- Range of external protection options

Corroline+ performances

Nominal hose bore size		Actual hose bore size		Outside diameter		Maximum working pressure		Minimum bend radius		**Maximum continuous lengths		Weight per unit length	
in	mm	in	mm	in	mm	psi	bar	in	mm	ft	m	kg/mtr	lb/ft
1/2*	13	0.51	13.1	0.85	21.5	1,000	69	1 3/8	38	100	30	0.40	0.27
3/4 *	20	0.76	19.3	1.12	28.5	624	43	2	50	100	30	0.70	0.47
1	25	1.01	25.7	1.45	37.0	600	41	2 3/4	70	100	30	1.10	0.74
1 1/4	32	1.26	32.2	1.75	44.6	550	38	3 5/16	100	100	30	1.60	1.07
1 1/2	40	1.51	38.5	2.03	51.7	500	34	4 3/4	120	100	30	1.92	1.29
2	50	2.01	51.1	2.55	65.0	400	28	5 15/16	150	100	30	2.80	1.88
2 1/2	65	2.51	63.7	3.17	80.5	290	20	11 13/16	300	59	18	3.98	2.67
3	80	3.02	76.8	3.65	92.8	218	15	13 3/4	350	49	15	4.42	2.97

* The 1/2" and 3/4" size hoses do not include the helical wire embedded in the rubber
** Longer lengths may be available, to special order

Technical specifications

	Corroline+
Nominal bore size	13 - 80 mm (0.5 - 3 in)
Actual bore size	13.1 - 76.8 mm (0.51 - 3.02 in)
Length	15 - 30 m (49 - 100 Ft)
Outside diameter	21.5 - 92.8 mm (0.85 - 3.65 in)
Max. operating pressure	69 bar (1000 psi)
Certification and compliance	3.1 Traceability, ATEX, EN16643:2016, EU Regulation 10/2011, FDA (materials), Fireproof to BS5173 section 103.13 part 6.2 and 6.3
Operating temperature	-40 °C to 150 °C (-40 °F to 302 °F)
Bend radius	38 - 350 mm (1.375 - 13.75 in)
Weight per unit length	0.4 - 4.42 kg/m (0.27 - 2.97 lb/ft)
Cover	EPDM
Hose external protection options	DBK 300 double rubber cover, Protection coil, Safegard
End fitting	BSP and NPT threaded fittings, CAM and groove fittings, DIN 11851 fittings, ENCAP end fittings, JIC fittings, PTFE dip pipe fittings, Sanitary triclamp 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

	Corroline+
Helical wire	Stainless steel
Liner tube	Anti-static PTFE, Natural PTFE
Braid	Stainless steel
Wire braid	Stainless steel
Fitting liner	PTFE

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