181 2SB Two Steel Braids Aggressive chemicals

Thermoplastic conductive hose for heavy duty high pressure aggressive chemicals applications
From 190 to 425 bar (2700 to 6100 psi)



FEATURES

Inner Tube
Polyamide PA12

Reinforcement
Two braids of steel wire

Cover
Polyurethane, blue, non pinpricked, black ink-jet branding

Applications
- High pressure aggressive chemicals systems requiring very high mechanical strength of hose and/or electrical conductivity
- Applications requiring high chemical resistance to solvents and aggressive fluids such as two parts polyurethane injection foams

Features
- Polyamide 12 tube construction
- 2 steel braids for high pressure requirements and increased mechanical properties increasing lifetime of the hose under very harsh working conditions
- Conductive
- Blue cover

Description
High pressure hose with blue cover. Due to particularly low humidity absorption of the tube this hose is particularly intended for two parts PU foams injection systems (isocyanate and polyols) and very aggressive chemicals applications with increased resistance to abrasion, mechanical strength and providing electrical conductivity. Check compatibility list for overview of resistance to chemical substances.

Temperature Range
-40°C to +100°C
(-40°F to +212°F)
Limited to +70°C (+158°F) for air and water based fluids

Specifications
Meets or exceeds pressure specifications of SAE 100R2

APPLICATIONS

PACKAGING

Part No.	Hose size			ID		OD		WP		BP		Safety factor	Bend radius		Weight		Ferrule part no.	
	dash	inch	DN	mm	inch	mm	inch	bar	psi	bar	psi		mm	inch	g/m	lbs/ft	carbon	stainless
1812	-4	1/4"	6	6,40	0,252	12,80	0,504	425	6100	1700	24400	4:1	40	1,57	240	0,161	SAC121	SAC821
1814	-6	3/8"	10	9,80	0,386	16,80	0,661	350	5000	1400	20000	4:1	65	2,56	365	0,245	SAC141	SAC841
1815	-8	1/2"	12	13,00	0,512	20,20	0,795	300	4300	1200	17200	4:1	85	3,35	440	0,296	SAC151	SAC851
1816	-10	5/8"	16	16,30	0,642	23,50	0,925	250	3600	1000	14400	4:1	115	4,53	560	0,376	SAC161	SAC861
1817	-12	3/4"	20	19,50	0,768	27,80	1,094	215	3100	860	12400	4:1	170	6,69	675	0,454	SAC171	SAC871
1818	-16	1"	25	25,80	1,016	35,20	1,386	190	2700	760	10800	4:1	180	7,09	950	0,638	SAC181	SAC881