126 R8 Non conductive

Thermoplastic non-conductive hose for high pressure hydraulic applications
From 140 to 350 bar (2000 to 5000 psi)



FEATURES

Inner tube
Polyester elastomer

Reinforcement
One or two braids of aramid fiber

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

Applications
- High voltage equipment
- Safety and rescue equipment
- Aerial platforms
- Cranes
- Equipment requiring electrical high insulation

Features
- Aramid reinforcement for high pressure performance
- Lightweight
- Flexible
- Compact
- Bonded construction
- Orange cover
- Non pinpricked
- Abrasion resistant

Description
Meets or exceeds SAE 100R8. High pressure hose suitable for petroleum or synthetic based hydraulic fluids used in hydraulic applications requiring electrical high insulation or non-conductivity in high voltage environment e.g. near electrical power lines.

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

Vacuum rating
-0,93 bar/-700 mm Hg
-13,5 psi/-27,5 inch Hg

Specifications
SAE 100R8/EN855-R8/ISO3949-R8. Hoses meet standards SAE J517/J343 and EN855 for non conductivity where maximum electrical leakage shall not exceed 50µA when a 152 mm sample is subject to 37.5 KV for 5 minutes equivalent to 250 KV/meter

APPLICATIONS

PACKAGING

CERTIFICATION

U.S. Department of Labor MSHA Mine Safety & Health Administration

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
1261	-3	3/16"	5	5,00	0,197	8,90	0,350	350	5000	1400	20000	4:1	30	1,18	50	0,034	SAB111	SAB811
1262	-4	1/4"	6	6,50	0,256	11,50	0,453	350	5000	1400	20000	4:1	50	1,97	85	0,057	SAB121	SAB821
1263	-5	5/16"	8	8,10	0,319	13,40	0,528	300	4300	1200	17200	4:1	55	2,17	105	0,071	SAB131	SAB831
1264	-6	3/8"	10	9,70	0,382	15,50	0,610	280	4000	1120	16000	4:1	60	2,36	135	0,091	SAB141	SAB841
1265	-8	1/2"	12	13,00	0,512	19,90	0,783	245	3500	980	14000	4:1	80	3,15	205	0,138	SAB151	SAB851
1266	-10	5/8"	16	16,30	0,642	23,40	0,921	200	2900	800	11600	4:1	125	4,92	250	0,168	SAB161	SAB861
1267	-12	3/4"	20	19,50	0,768	27,10	1,067	165	2300	660	9200	4:1	150	5,91	320	0,215	SAB171	SAB871
1268	-16	1"	25	25,90	1,020	34,20	1,346	140	2000	560	8000	4:1	200	7,87	440	0,296	SAB181	SAB881