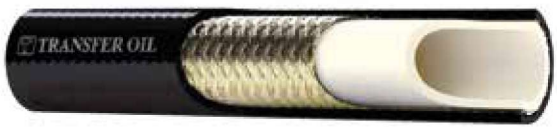
087 1SB Steel braid antiabrasion

Thermoplastic hose with steel reinforcement for hydraulic applications
From 95 to 360 bar (1300 to 5200 psi)



FEATURES

Inner tube
Polyester elastomer

Reinforcement
One braid of steel wire

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

Applications
- General hydraulic applications requiring additional mechanical protection
- Construction and agricultural equipment
- Agricultural brake systems
- Hoisting and handling application
- Industrial machines

Features
- Slimline construction for compact installation and flexibility
- Lightweight
- Steel braid offers low volumetric expansion and optimum change in length characteristics
- Abrasion resistant

Description
High pressure hose suitable for petroleum, synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving, agricultural machinery, forklift trucks and other high pressure equipment. Steel braid offers increased mechanical protection compared to yarn braided hoses.

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

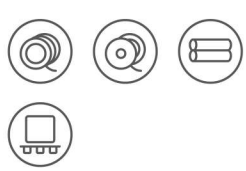
Vacuum rating
-0,93 bar/-700 mm Hg
-13,5 psi/-27,5 inch Hg

Specifications
SAE 100R1. Meets or exceeds pressure specifications of EN 853 1ST, EN 853 1SN and EN 857 1SC

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
0871	-3	3/16"	5	5,00	0,197	9,70	0,382	360	5200	1440	20800	4:1	30	1,18	125	0,084	SAB111	SAB811
0872	-4	1/4"	6	6,50	0,256	11,70	0,461	310	4500	1240	18000	4:1	40	1,57	165	0,111	SAB121	SAB821
0873	-5	5/16"	8	8,10	0,319	13,20	0,520	250	3600	1000	14400	4:1	55	2,17	190	0,128	SAB131	SAB831
0874	-6	3/8"	10	9,80	0,386	15,50	0,610	225	3200	900	12800	4:1	65	2,56	230	0,155	SAB141	SAB841
0875	-8	1/2"	12	13,00	0,512	18,80	0,740	190	2700	760	10800	4:1	85	3,35	300	0,202	SAB151	SAB851
0876	-10	5/8"	16	16,30	0,642	22,00	0,866	140	2000	560	8000	4:1	115	4,53	335	0,225	SAB161	SAB861
0877	-12	3/4"	20	19,50	0,768	25,80	1,016	115	1600	460	6400	4:1	145	5,71	460	0,309	SAB171	SAB871
0878	-16	1"	25	25,80	1,016	33,40	1,315	95	1300	380	5200	4:1	180	7,09	640	0,430	SAB181	SAB881