075 R8 Antiabrasion

Thermoplastic hose for high pressure hydraulic applications
From 140 to 420 bar (2000 to 6000 psi)



FEATURES

Inner tube
Polyester elastomer

Reinforcement
One or two braids of aramid fiber

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

Applications
- Construction and agricultural equipment
- Forklift trucks
- Articulating and telescopic booms
- Aerial platforms
- Safety and rescue equipment
- Scissor lifts
- Cranes
- General hydraulics
- Industrial gases

Features
- Aramid reinforcement for high pressure performance
- Compact and lightweight
- Bonded construction
- Abrasion resistant
- Extremely low change in length
- Pinpricked cover

Description
Meets or exceeds SAE 100R8. Compact high pressure hose suitable for hydraulic applications with increased resistance to abrasion and very low expansion. For use with 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. Also suitable for many industrial gases (check for compatibility).

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

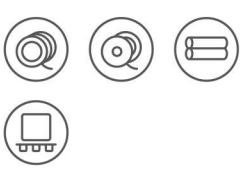
Vacuum rating
-0,93 bar/-700 mm Hg
-13,5 psi/-27,5 inch Hg

Specifications
SAE 100R8/EN855-R8/ISO3949-R8

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
0750	-2	1/8"	4	4,00	0,157	8,00	0,315	420	6000	1680	24000	4:1	25	0,98	45	0,030	SAB101	SAB801
0751	-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
0752	-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
0753	-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
0754	-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
0755	-8	1/2"	12	13,00	0,512	19,90	0,783	245	3500	980	14000	4:1	80	3,15	200	0,134	SAB151	SAB851
0756	-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
0757	-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
0758	-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