

076 R8 Extra tough

Thermoplastic hose extremely wear resistant for hydraulic applications

From 245 to 350 bar (3500 to 5000 psi)



FEATURES

Inner tube

Polyester elastomer

Reinforcement

One braid of aramid fiber

Cover

Polyurethane, black, pinpricked, white ink-jet branding

Applications

- Heavy duty construction and agricultural equipment
- Rescue and safety equipment
- High pressure systems and pumps

- Bolt tensioning tools
- Jacking and rerailing equipment
- Industrial gases

Features

- Extremely wear and abrasion resistant
- High flexibility
- Increased cover thickness
- Bonded construction
- Limited change in length
- Pinpricked cover

Description

Meets or exceeds SAE 100R8. High pressure hose suitable for hydraulic applications requiring extreme wear and abrasion resistance. For use with petroleum, synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving, agricultural machinery, rescue and bolt tensioning tools and all applications where a hose must be protected against possible external damage. 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

MEDIUM PRESSURE

HIGH PRESSURE

1SB STEEL BRAID

SAE 100R8

HR8

2SB-TWO STEEL BRAID

HDH

CONSTANT PRESSURE

VERY HIGH PRESSURE

SPECIALITIES

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
0761	-3	3/16"	5	5,00	0,197	9,60	0,378	350	5000	1400	20000	4:1	30	1,18	65	0,044	SAB111	SAB811
0762	-4	1/4"	6	6,50	0,256	12,10	0,476	350	5000	1400	20000	4:1	50	1,97	100	0,067	SAB121	SAB821
0763	-5	5/16"	8	8,10	0,319	14,00	0,551	300	4300	1200	17200	4:1	55	2,17	120	0,081	SAB131	SAB831
0764	-6	3/8"	10	9,70	0,382	16,20	0,638	280	4000	1120	16000	4:1	60	2,36	160	0,108	SAB141	SAB841
0765	-8	1/2"	12	13,00	0,512	20,90	0,823	245	3500	980	14000	4:1	80	3,15	250	0,168	SA5151	SA5851