

097 R7 Extra tough

Thermoplastic hose extremely wear resistant for hydraulic applications

From 140 to 210 bar (2000 to 3000 psi)



FEATURES

Inner tube

Polyester elastomer

Reinforcement

One or two braids of synthetic fiber

Cover

Polyurethane, black, pinpricked, white ink-jet branding

Applications

- Heavy duty construction and agricultural equipment
- Cranes
- General hydraulics
- 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 100R7. Medium pressure hose suitable for hydraulic applications requiring extreme wear and abrasion resistance. For use with petroleum or synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving or agricultural machinery 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 100R7/EN855-R7/
ISO3949-R7

MEDIUM
PRESSURE

PILOT FL

SAE 100R7

ANSI A92.2

HIGH
PRESSURE

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	mm	inch	g/m	lbs/ft	carbon	stainless
0971	-3	3/16"	5	5,00	0,197	10,40	0,409	210	3000	840	12000	4:1	25	0,98	75	0,050	SAB111	SAB811
0972	-4	1/4"	6	6,50	0,256	12,90	0,508	210	3000	840	12000	4:1	35	1,38	115	0,077	SAB121	SAB821
0974	-6	3/8"	10	9,70	0,382	16,60	0,654	160	2300	640	9200	4:1	55	2,17	165	0,111	SAB141	SAB841
0975	-8	1/2"	12	13,00	0,512	21,40	0,843	140	2000	560	8000	4:1	75	2,95	265	0,178	SA5151	SA5851