

066 R7 Antiabrasion

MEDIUM
PRESSURE

PILOT FL

SAE 100R7

ANSI A92.2

HIGH
PRESSURE

CONSTANT
PRESSURE

VERY HIGH
PRESSURE

SPECIALITIES

Thermoplastic hose for hydraulic applications From 70 to 210 bar (1000 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

- Construction and agricultural equipment
- Agricultural brake systems
- Forklift Trucks

- Articulating and telescopic booms
- Aerial platforms
- Scissor lifts
- Cranes
- General hydraulics
- Industrial gases

Features

- Lighter, more flexible and more compact than traditional R1 hoses
- Bonded construction
- Abrasion resistant
- Limited change in length
- Pinpricked cover

Description

Meets or exceeds SAE 100R7. Medium pressure hose suitable for hydraulic applications with increased resistance to abrasion. For use with petroleum, synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving, agricultural machinery and forklift trucks. 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

APPLICATIONS



PACKAGING



CERTIFICATION



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
0660	-2	1/8"	4	4,00	0,157	8,30	0,327	210	3000	840	12000	4:1	25	0,98	45	0,030	SAB101	SAB801
0661	-3	3/16"	5	5,00	0,197	9,60	0,378	210	3000	840	12000	4:1	25	0,98	60	0,040	SAB111	SAB811
0662	-4	1/4"	6	6,50	0,256	12,20	0,480	210	3000	840	12000	4:1	35	1,38	100	0,067	SAB121	SAB821
0663	-5	5/16"	8	8,10	0,319	14,30	0,563	190	2700	760	10800	4:1	45	1,77	130	0,087	SAB131	SAB831
0664	-6	3/8"	10	9,70	0,382	16,00	0,630	160	2300	640	9200	4:1	55	2,17	145	0,097	SAB141	SAB841
0665	-8	1/2"	12	13,00	0,512	20,30	0,799	140	2000	560	8000	4:1	75	2,95	220	0,148	SAB151	SAB851
0666	-10	5/8"	16	16,30	0,642	23,70	0,933	105	1500	420	6000	4:1	110	4,33	280	0,188	SAB161	SAB861
0667	-12	3/4"	20	19,50	0,768	27,10	1,067	90	1300	360	5200	4:1	140	5,51	335	0,225	SAB171	SAB871
0668	-16	1"	25	25,90	1,020	34,00	1,339	70	1000	280	4000	4:1	190	7,48	455	0,306	SAB181	SAB881