066 R7 Antiabrasion

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

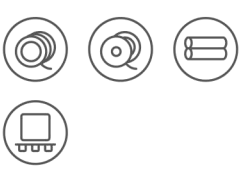
Vacuum rating
-0,93 bar/-700 mm Hg
-13,5 psi/-27,5 inch Hg

Specifications
SAE 100R7/EN855-R7/ ISO3949-R7

APPLICATIONS



PACKAGING



CERTIFICATION

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
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