

// 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.

TEMPERATURE RANGE

-40°C to +100°C (-40°F to +212°F), limited to +70°C (+158°F) for air and water based fluids.

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 forklifts trucks. Also suitable for many industrial gases (check for compatibility).

VACUUM RATING

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

SPECIFICATIONS

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

APPLICATIONS



OTHER FEATURES

TO Eco Hydraulic

STANDARD
 Coils
 Pallet

OPTIONAL
 Reel
 Twin multiline

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	std	A316L
0660	-2	1/8"	DN4	4,00	0,157	8,30	0,327	210	3000	840	12000	4:1	25	0,98	45	0,030		
0661	-3	3/16"	DN5	5,00	0,197	9,60	0,378	210	3000	840	12000	4:1	25	0,98	60	0,040		
0662	-4	1/4"	DN6	6,50	0,256	12,20	0,480	210	3000	840	12000	4:1	35	1,38	100	0,067		
0663	-5	5/16"	DN8	8,10	0,319	14,30	0,563	190	2700	760	10800	4:1	45	1,77	130	0,087		
0664	-6	3/8"	DN10	9,70	0,382	16,00	0,630	160	2300	640	9200	4:1	55	2,17	145	0,097		
0665	-8	1/2"	DN12	13,00	0,512	20,30	0,799	140	2000	560	8000	4:1	75	2,95	220	0,148		
0666	-10	5/8"	DN16	16,30	0,642	23,70	0,933	105	1500	420	6000	4:1	110	4,33	280	0,188		
0667	-12	3/4"	DN20	19,50	0,768	27,10	1,067	90	1300	360	5200	4:1	140	5,51	335	0,225		
0668	-16	1"	DN25	25,90	1,020	34,00	1,339	70	1000	280	4000	4:1	190	7,48	455	0,306		

BRANDING

-TO HYDRAULIC - <PART No> - R7 ANTIABRASION - <NORMATIVE> <DASH SIZE> <INCH SIZE> <DN SIZE> <WP bar> / <WP psi> - MADE IN ITALY- www.transferoil.com - <BATCH No>

