SAE 100R7

033
R7 EL ANTIABRASION

Thermoplastic hose MSHA approved for hydraulic applications

from 140 to 210 bar
(2000 to 3000 psi)



FEATURES

INNER TUBE
Polyester elastomer.

REINFORCEMENT
Up to three braids of synthetic fiber.

COVER
Polyurethane, black, pinpricked, white ink-jet branding.

APPLICATIONS
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 // Pin-pricked cover

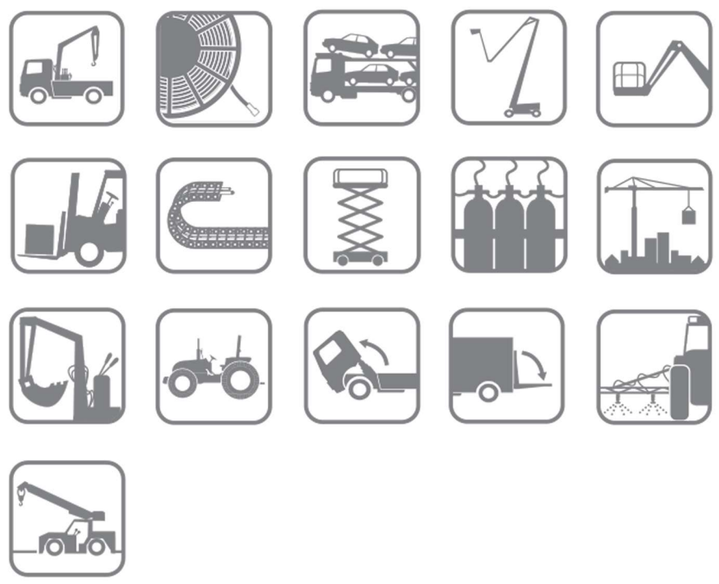
TEMPERATURE RANGE
-40°C to +100°C (-40°F to +212°F), limited to +70°C (+158°F) for air and water based fluids.

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). Approved by MSHA - Mine Safety and Health Administration - number IC-305.

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
0331	-3	3/16	DN5	5,00	0,197	9,60	0,378	210	3000	840	12000	4:1	25	0,984	60	0,040	SA1111	SA1811
0332	-4	1/4	DN6	6,50	0,256	11,80	0,465	200	2900	800	11600	4:1	35	1,378	90	0,060	SA1121	SA1821
0333	-5	5/16	DN8	8,10	0,319	13,90	0,547	190	2700	760	10800	4:1	60	2,362	115	0,077	SA1131	SA1831
0334	-6	3/8	DN10	9,70	0,382	16,00	0,630	160	2300	640	9200	4:1	55	2,165	145	0,097	SA1141	SA1841
0335	-8	1/2	DN12	13,00	0,512	20,10	0,791	140	2000	560	8000	4:1	75	2,953	210	0,141	SA1151	SA1851

BRANDING

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