

// 095 R7 NON CONDUCTIVE

Thermoplastic non-conductive hose
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, orange, non pinpricked, black inkjet branding.

APPLICATIONS

High voltage equipment // Safety and rescue equipment // Aerial platforms // Cranes
// Equipment requiring electrical high insulation.

FEATURES

Lightweight // Flexible // Compact // Orange cover // Non pinpricked // Bonded construction // Abrasion resistant.

TEMPERATURE RANGE

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

DESCRIPTION

Meets or exceeds SAE 100R7 - Medium pressure hose suitable for petroleum or synthetic based hydraulic fluids used in hydraulic applications requiring electrical high insulation or non-conductivity in high tension environment e.g. near electrical power lines.

VACUUM RATING

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

SPECIFICATIONS

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

Hoses meet standards SAE J517/J343 and EN855 for non conductivity where maximum electrical leakage shall not exceed 50µA when a 152 mm sample is subject to 37.5 KV for 5 minutes equivalent to 250 KV/meter.

APPLICATIONS



OTHER FEATURES



STANDARD



Coils



Pallet

OPTIONAL



Reel



Twin multilined

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
0951	-3	3/16"	DN5	5,00	0,197	9,60	0,378	210	3000	840	12000	4:1	25	0,98	60	0,040		
0952	-4	1/4"	DN6	6,50	0,256	12,20	0,480	210	3000	840	12000	4:1	35	1,38	100	0,067		
0953	-5	5/16"	DN8	8,10	0,319	14,30	0,563	190	2700	760	10800	4:1	45	1,77	130	0,087		
0954	-6	3/8"	DN10	9,70	0,382	16,00	0,630	160	2300	640	9200	4:1	55	2,17	145	0,097		
0955	-8	1/2"	DN12	13,00	0,512	20,30	0,799	140	2000	560	8000	4:1	75	2,95	220	0,148		
0956	-10	5/8"	DN16	16,30	0,642	23,70	0,933	105	1500	420	6000	4:1	110	4,33	280	0,188		
0957	-12	3/4"	DN20	19,50	0,768	27,10	1,067	90	1300	360	5200	4:1	140	5,51	335	0,225		
0958	-16	1"	DN25	25,90	1,020	34,00	1,339	70	1000	280	4000	4:1	190	7,48	455	0,306		

BRANDING

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

