

TO
HYD

TRANSFER OIL
GENERAL CATALOGUE

TO
IND

THERMOPLASTIC, THE HOSE CHOICE OF THE FUTURE

In general Thermoplastic hoses are well known for characteristics that are normally compared to those of rubber hoses.



REDUCED BEND RADII

This ensures easier routing in restricted and small enveloped areas.



LIGHTWEIGHT

Lightweight, between 30-50% of that of conventional rubber hose. Reduced diameters facilitates the use of higher capacity hose reels.



LONGER SHELF LIFE

Will not degrade when stored under correct conditions.



MINIMAL VOLUMETRIC EXPANSION

Due to lower elongation properties of reinforcing yarn braids. Means reduced pressure loss, faster response time of hydraulic circuits, reduced oil / fluid consumption.



TWIN/MULTILINE

Thermoplastic hose can be bonded together as simple twin-line or in a variety of combinations of hose of differing pressures, tubes for electrical conduits or in certain applications with electrical cables. See dedicated chapter (page 53)



EASIER HANDLING

Generally easier and cleaner handling in the workshop. Fabric braided hoses can be cut/prepared without the need for high powered cutting equipment in some cases simple hand or blade cutting equipment can be used.



SAE 100R7

// 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

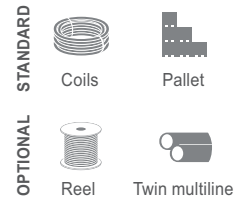
SAE 100R7 // EN855-R7 // ISO3949-R7

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



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	SAB111	SAB811
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	SAB121	SAB821
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	SAB131	SAB831
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	SAB141	SAB841
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	SAB151	SAB851
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	SAB161	SAB861
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	SAB171	SAB871
0958	-16	1"	DN25	25,90	1,020	34,00	1,339	70	1000	280	4000	4:1	190	7,48	455	0,306	SAB181	SAB881

BRANDING

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



www.transferoil.com

NTAC13

TO HYDRAULIC 24

MEDIUM PRESSURE

PILOT FL

SAE 100R7

ANSI A92.2

1SB
STEEL BRAID

SAE 100R8

HR8

2SB-TWO
STEEL BRAIDS

HDH

SAE 100R18
CPLT 3000

CPLT 3600

CPLT 5000

CPHR 5000

VHP

OFF SHORE
MASTER

MICRO BORE

TWIN HOSES

HIGH PRESSURE

CONSTANT PRESSURE

VERY HIGH PRESSURE

SPECIALTIES