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Non-conductive OL7 Series thermoplastic hose - Water-proof Cover*

- PRESSURE FROM 70 TO 250 BAR
- SAE 100R7, ISO 3949 AND ANSI A92.2 STANDARDS
- MSHA APPROVED
- SOLUTION FOR LIFTING PLATFORMS AND OTHER SYSTEMS REQUIRING ISOLATION



FLUID POWER

TECHNICAL FEATURES

Metric

Code	ID			OD	1:4 WP SAE		1:4 WP ANSI		R MIN	g	Ferrule Code
	inch	mm	DN		bar	bar	mm	g/m			
OL717001	1/8"	3.5	3	8.5	230	240	25	57	BP18R7		
OL78947001	5/32"	4.0	4	8.9	250	260	25	58	BP532R7		
OL727001	3/16"	4.8	5	10.0	210	224	30	73	BP316R7		
OL737001	1/4"	6.4	6	11.8	200	220	35	90	BP14R7		
OL747001	5/16"	8.0	8	14.3	190	220	45	128	BP516R7V		
OL757001	3/8"	9.7	10	16.0	175	210	55	155	BP38R7V		
OL767001	1/2"	13.0	12	20.3	140	185	75	219	BP12R7V		
OL777001	5/8"	16.0	16	23.5	105	140	120	277	BP58R7V		
OL787001	3/4"	19.2	19	26.5	90	120	145	330	BP34R7V		
OL797001	1"	25.6	25	33.6	70	90	200	403	BP1R7V		

TECHNICAL FEATURES

Technical-constructive features:

Inner core in thermoplastic polyester, reinforcement in polyester textile and exterior covering in orange antiabrasion polyurethane not micro perforated, stabilized against UV rays and microorganisms-resistant.

Applications:

The Non-Conductive OL7 series hoses have been created for medium pressure hydraulic use for applications requiring high electrical isolation. These hoses meet SAE J517 Standard §20.4.1 for less than 50µA leakages under 250.000 V/m, suitable for air traveling platforms.

Working temperature:

from -54°C to +100°C from -65°F to +212°F.

Max. working temperature of water and water-based fluids is + 70°C (+158°F).

Working pressure:

Safety ratio 1:4 is required in the case in which the breaking of the tubing may cause the rig or the load lifting device or both to move.

Safety ratio 1:3 is acceptable in the case in which the breaking of the tubing does not cause the aerial lifting devices to move. SAE Standard requires Safety ratio 1:4.

Vacuum rating:

0.93 bar; 700 mm Hg

Specifications:

Hoses meet or exceed SAE J517 sect. SAE 100R7 – ISO 3949 - MSHA Standards and comply with the requirements of the ANSI A92.2 Standard for air traveling platforms.

***The water-proof feature of the cover means that the hose is especially suitable for wet and saline environments where extreme temperature changes occur.**

NORMATIVE

ANSI A92.2

ISO 3949

SAE J517-100 R7

MSHA

For any further information about the optional items, please contact the sales office ()