THERMOPLASTIC TUBING AND HOSES

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Numero REA: PR - 173914

NON-CONDUCTIVE OL7F Series Thermoplastic hose - Water-proof cover*

- PRESSURES 155 TO 224 BAR / 2250 TO 3250 PSI
- EXTREME KINKING RESISTANCE
- VERY COMPACT AND TOUGH CONTRUCTION
- MATT COVER, ABRASION RESISTANT
- IDEAL FOR INSERTION INTO DUCTS, NARROW CONDUITS AND AERIAL LIFTING DEVICES
- SAE 100R7, ISO 3949, MSHA AND ANSI A92.2 STANDARDS



FLUID POWER HIGH PRESSURE AIR HYDRAULIC OIL

TECHNICAL FEATURES

Metric

	ID			OD	SAE 100R7 WP	ANSI A92.2 WP	R MIN	g	
Code	mm	inch	DN	mm	bar	bar	mm	g/m	Ferrule code
OL7F212001	4.8	3/16"	5	10.8	224	224	15	84.9	BP316MTK
OL7F312001	6.2	1/4"	6	12.1	207	217	25	95.3	BP14R7
OL7F412001	8.0	5/16"	8	14.1	172	217	35	119.2	BP516R7V
OL7F512001	9.8	3/8"	10	16.1	155	207	45	149.3	BP38R7V
OL7F612001	12.7	1/2"	12	20.6	155	207	65	234.6	BP12R7V
OL7F812001	19.2	3/4"	19	27.5	86	114	105	350.1	BP34JC7

TECHNICAL FEATURES

Technical-constructive features:
Inner core in thermoplastic polyester elastomer (TPE), bonded reinforcement in high density polyester fiber, and outside covering in anti-abrasion matt orange polyurethane, non-perforated, UV light stabilized and resistant to hydrolysis for outdoor applications.
Twin or multi-line constructions available.

Applications:
The Non-Conductive OL7F series hoses have been developed for medium pressure hydraulic use in applications requiring high electrical insulation.
The compact and tough construction makes the Non-Conductive OL7F hose extremely resistant to kinking and abrasions, ideal per insertion into ducts and narrow conduits.
These hoses meet SAE J517 with less than 50 µA leakage under 250000 V/m, suitable for aerial platforms and material lifting device.

Working temperature:
From –40°C to +100°C From -40°F to +212°F
In case of water or water-based fluids max. working temperature is + 70°C (+158°F).

Length variation (@ max WP):
-1.5% to +1.5%

Working pressure:
Safety factor 1:4 is required if hose failure could result in motion of the platform(s), or material lifting device, or both.
Safety factor 1:3 is acceptable if hose failure will not result in motion of aerial devices.
SAE Standard requires safety factor 1:4.

Vacuum rating:
0.93 bar; 700 mmHg

Specifications:
These hoses meet or exceed SAE J517 – 100R7, ISO 3949, ANSI A92.2 for vehicle-mounted aerial devices, MSHA.

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

OPTIONAL


Color


Multi-tube



Long Length


Cover


Packing

NORMATIVE

ANSI A92.2
ISO 3949
SAE J517-100 R7
MSHA

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