THERMOPLASTIC TUBING AND HOSES

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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 AND NARROW CONDUITS
- SAE 100R7, ISO 3949 AND MSHA STANDARDS
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FLUID POWER HIGH PRESSURE AIR HYDRAULIC OIL

TECHNICAL FEATURES

Metric

	ID			OD	SAE 100R7 WP	R MIN	g	
Code	inch	mm	DN	mm	bar	mm	g/m	Ferrule code
OL7F212100	3/16"	4.8	5	10.8	224	15	84.9	BP316MTK
OL7F312100	1/4"	6.2	6	12.1	207	25	95.3	BP14R7
OL7F412100	5/16"	8.0	8	14.1	172	35	119.2	BP516R7V
OL7F512100	3/8"	9.8	10	16.1	155	45	149.3	BP38R7V
OL7F612100	1/2"	12.7	12	20.6	155	65	234.6	BP12R7V
OL7F812100	3/4"	19.2	19	27.5	86	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 black polyurethane, pinpricked, UV light stabilized and resistant to hydrolysis for outdoor applications.
Twin or multi-line constructions available.

Applications:
The OL7F series hoses have been developed for medium pressure hydraulic use in applications requiring high mechanical resistance.
The compact and tough construction makes the OL7F hose extremely resistant to kinking and abrasions, ideal per insertion into ducts and narrow conduits.

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

Vacuum rating:
0.93 bar; 700 mmHg

Specifications:
These hoses meet or exceed SAE J517 – 100R7, ISO 3949, MSHA (MSHA IC-332/04).

**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

EN 853
EN 857
SAE J517-100 R7

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