

## Non-Conductive OL7M Series Thermoplastic hose - Water-proof Cover\*

- PRESSURE FROM 210 TO 250 BAR
- SAE J517-100R18, ISO 3949 STANDARDS
- MSHA APPROVED
- FOR APPLICATIONS WHICH REQUIRE HIGH ELECTRICAL INSULATION



FLUID POWER

### TECHNICAL FEATURES

Metric

|           |  ID |      |    |  OD |  1:4 WP |  R MIN |  g |  |
|-----------|----------------------------------------------------------------------------------------|------|----|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Code      | inch                                                                                   | mm   | DN | mm                                                                                     | bar                                                                                        | mm                                                                                         | g/m                                                                                     | Ferrule Code                                                                          |
| OL7M27001 | 3/16"                                                                                  | 4.8  | 5  | 10.5                                                                                   | 250                                                                                        | 30                                                                                         | 82                                                                                      | BP316R7                                                                               |
| OL7M37001 | 1/4"                                                                                   | 6.4  | 6  | 12.7                                                                                   | 250                                                                                        | 40                                                                                         | 107                                                                                     | BP14MT1                                                                               |
| OL7M47001 | 5/16"                                                                                  | 8.0  | 8  | 15.0                                                                                   | 250                                                                                        | 50                                                                                         | 150                                                                                     | BP516R7V                                                                              |
| OL7M57001 | 3/8"                                                                                   | 9.7  | 10 | 18.0                                                                                   | 250                                                                                        | 50                                                                                         | 205                                                                                     | BP38OL7M                                                                              |
| OL7M67001 | 1/2"                                                                                   | 13.0 | 12 | 22.6                                                                                   | 210                                                                                        | 70                                                                                         | 313                                                                                     | BP12R2TV                                                                              |

### TECHNICAL FEATURES

#### Technical-constructive features:

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

#### Applications:

hoses of the OL7M NON-CONDUCTIVE Series have been created for high 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.

#### 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).

Use at low working temperature only in static applications.

#### Working pressure:

Safety ratio 1:4

#### Vacuum rating:

0.93 bar; 700 mm Hg

#### Specifications:

Hoses meet or exceed SAE J517 sect. SAE 100R18 – ISO 3949 – MSHA Standards.

***\*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

ISO 3949

SAE J517-100 R18

MSHA