

ZEC Thermoplastic hose OL7 TWIN non-conductive SAE 100 R7



OL7 TWIN NON-CONDUCTIVE SERIES THERMOPLASTIC HOSE - WATERPROOF COVER

PRESSURE FROM 70 TO 250 BAR
NOT MICRO PERFORATED

Characteristics

Type: OL7 TWIN NC

Material of inner wall: Oil resistant thermoplastic polyester elastomer

Material of outer wall: Polyurethane

Quality cover: Standard

Temperature range [°C]: -54 / 100 °C

SAE standard: SAE 100 R7

ISO standard: ISO 3949

Application

- Hoses of the OL7 TWIN NON-CONDUCTIVE Series 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.

Technical Information

Working temperature:

- -54°C to +100°C
- Max. working temperature of water and water-based fluids is +70°C.

Construction

Tube:

- Thermoplastic polyester

Reinforcement:

- Polyester textile

Cover:

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

Execution

- Not micro perforated, UV-stabilized and resistant to ozone, microorganisms and hydrolysis.

Approval

Standards:

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

Code	Hose ID (DN)	Hose ID	Outer diameter	Maximum operating pressure	Minimum burst pressure	Minimum bending radius	Outside wall colour	Weight	Article
		in	mm	bar	bar	mm		kg/m	
SAE100R7-03	DN05	3/16"	10	210	840	30	Orange	0.146	14079344
SAE100R7-04	DN06	1/4"	11.8	200	800	35	Orange	0.18	14079346
SAE100R7-05	DN08	5/16"	14.3	190	760	45	Orange	0.256	14079348
SAE100R7-06	DN10	3/8"	16	175	700	55	Orange	0.31	14079350
SAE100R7-08	DN12	1/2"	20.3	140	560	75	Orange	0.438	14079352

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