

ZEC Thermoplastic hose OL8 TWIN non-conductive SAE 100 R8



OL8 TWIN NON-CONDUCTIVE SERIES THERMOPLASTIC HOSE - WATERPROOF COVER

PRESSURE FROM 145 TO 420 BAR
NOT MICRO PERFORATED

Characteristics

Type: OL8 TWIN NC

Material of inner wall: Oil resistant thermoplastic polyester elastomer

Material of outer wall: Polyurethane

Quality cover: Standard

Temperature range [°C]: -40 / 100 °C

SAE standard: SAE 100 R8

ISO standard: ISO 3949

Application

- Hoses of the OL8 TWIN NON-CONDUCTIVE Series have been created for high pressure hydraulic use for applications requiring high electrical isolation. These hoses meet SAE J517 Standard for less than 50µA leakages under 250.000 V/m.

Technical Information

Working temperature:

- -40°C to +100°C
- Max. working temperature of water and water-based fluids is +70°C.

Construction

Tube:

- Thermoplastic polyester

Reinforcement:

- High toughness textile fiber

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 microorganisms-resistant.

Approval

Standards:

- Hoses meet or exceed SAE J517 sect. SAE 100R8, ISO 3949 and MSHA Standards.
- Size OL8847001 and OL840100 not provided for by SAE 100R8 Standard

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	
SAE100R8-03	DN05	3/16"	10	350	1400	35	Orange	0.144	14079380
SAE100R8-04	DN06	1/4"	11.8	350	1400	50	Orange	0.17	14079382
SAE100R8-05	DN08	5/16"	14.3	325	1300	60	Orange	0.252	14079384
SAE100R8-06	DN10	3/8"	16	280	1120	70	Orange	0.292	14079386
SAE100R8-08	DN12	1/2"	20.3	245	980	95	Orange	0.45	14079388

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