

ZEC Thermoplastic hose OL8 non-conductive SAE 100 R8



NON-CONDUCTIVE OL8 SERIES THERMOPLASTIC HOSE - WATERPROOF COVER

PRESSURE FROM 145 TO 420 BAR
NOT MICRO PERFORATED

Characteristics

Type: OL8 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 NON-CONDUCTIVE OL8 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	
SAE100R8-02	DN03	1/8"	7.1	420	1680	30	Orange	0.037	14079376
SAE100R8-02.5	DN04	5/32"	8	420	1680	35	Orange	0.044	14079378
SAE100R8-03	DN05	3/16"	10	350	1400	35	Orange	0.072	14079379
SAE100R8-04	DN06	1/4"	11.8	350	1400	50	Orange	0.085	14079381
SAE100R8-05	DN08	5/16"	14.3	325	1300	60	Orange	0.126	14079383
SAE100R8-06	DN10	3/8"	16	280	1120	70	Orange	0.146	14079385
SAE100R8-08	DN12	1/2"	20.3	245	980	95	Orange	0.225	14079387
SAE100R8-10	DN16	5/8"	23.5	195	780	125	Orange	0.265	14079389
SAE100R8-12	DN19	3/4"	26.5	165	660	150	Orange	0.352	14079391
SAE100R8-16	DN25	1"	34.7	145	580	200	Orange	0.505	14079393

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