# **ZEC Thermoplastic hose OL7 SAE 100 R7**



**OL7 SERIES THERMOPLASTIC HOSE - OIL PROOF COVER** 

PRESSURE FROM 70 TO 250 BAR MICRO PERFORATED

#### **Characteristics**

Type: OL7

Material of inner wall: Oil resistant thermoplastic

polyester elastomer

Material of outer wall: Polyurethane, pinpricked

**Quality cover: Standard** 

Temperature range [°C]: -40 / 100 °C

SAE standard: SAE 100 R7 ISO standard: ISO 3949

## **Application**

• Hoses of the OL7 Series have been created for medium pressure hydraulic use.

#### **Technical Information**

# Working temperature:

- −40°C to +100°C
- Max. working temperature of air, water and waterbased fluids is + 70°C

#### Construction

#### Tube:

Thermoplastic polyester

#### **Reinforcement:**

Polvester textile

#### Cover:

- Antiabrasion polyurethane
- The oil-proof feature of the cover means that the hose is resistant to prolonged contact with oils and lubricants.

#### **Execution**

- Stabilized against UV rays and resistant to ozone and microorganisms.
- Micro perforated for the conduction of air and compatible gases.

# **Approval**

# Standards:

 Hoses meet or exceed SAE J517 sect. SAE 100R7 and ISO 3949 Standards.

# Type approval:

LR

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	
SAE100R7-02	DN03	1/8"	8.5	230	920	12	Black	0.057	13621906
SAE100R7-02.5	DN04	5/32"	8.9	250	1000	25	Black	0.058	14079329
SAE100R7-03	DN05	3/16"	10	210	840	30	Black	0.073	14016590
SAE100R7-04	DN06	1/4"	11.8	200	800	35	Black	0.09	14042465
SAE100R7-05	DN08	5/16"	14.3	190	760	45	Black	0.128	14028172
SAE100R7-06	DN10	3/8"	16	175	700	55	Black	0.155	14010251
SAE100R7-08	DN12	1/2"	20.3	140	560	75	Black	0.219	14042460
SAE100R7-12	DN19	3/4"	26.5	90	360	145	Black	0.33	14079337
SAE100R7-16	DN25	1"	33.6	70	280	200	Black	0.403	14079339

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