

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 water-based fluids is + 70°C

Construction

Tube:

- Thermoplastic polyester

Reinforcement:

- Polyester 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

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.