792TC

No-Skive Multispiral

SAE 100R15 – ISO 3862 Type R15



- *No-Skive* hose construction
- 792TC: Nitrile (NBR) inner tube – extended fluid compatibility
- Constant working pressure of 42.0 MPa
- Highly abrasion resistant TOUGH COVER
- MSHA approved
- Hose is suitable for temporary immersion in mineral oil up to 70 °C with frequent inspections

Primary Applications

Mobile hydraulics: Hydrostatic drives
General industrial hydraulics: Injection moulding machines
Test stands

Type Approvals

Details please find on pages ***Ab-16*** to ***Ab-19***

Applicable Specifications

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Construction

Tube: Nitrile (NBR)
Reinforcement: Four or six spirals high-tensile steel wire
Cover: High abrasion resistance
MSHA approved synthetic rubber

Temperature Range ..... -40 °C up to +100 °C

Exception: Air ..... max. +70 °C
Water ..... max. +85 °C

Recommended Fluids

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1.7 MPa, the hose cover must be pin-pricked.
Consult the chemical compatibility section on pages ***Ab-22*** to ***Ab-30*** for more detailed information.

Fitting Series

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Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
792TC-12	19	3/4	-12	19.1	32.0	42.0	6000	168.0	24000	265	1.59
792TC-16	25	1	-16	25.4	39.0	42.0	6000	168.0	24000	330	2.20

Replace the hose when any deformation or damage on the hose cover are visible.
The combination of high temperature and high pressure could reduce the hose life.

Hose layline example



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