

High Pressure
High abrasion resistance

Parkrimp No-Skive Hose
791TC

791TC

No-Skive Multispiral

SAE 100R15 – ISO 3862 Type R15

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

SAE 100R15 – ISO 3862 Type R15

Construction

Tube: Synthetic rubber

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



- **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

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



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi		
791TC-20	31	1 1/4	-20	31.8	50.0	42.0	6000	168.0	24000	250	3.69
791TC-24	38	1 1/2	-24	38.1	57.0	42.0	6000	168.0	24000	305	4.79

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

Parker 791TC-20 **EXTREME** WP 42,0 MPa (6000 PSI) MSHA XXXX SAE100R15-20 31,5 mm (1 1/4) ISO3862-1/R15/31,5/2



Da-17

Catalogue 4400/UK

Parkrimp Hose