

High Pressure
High abrasion resistance

Parkrimp No-Skive Hose
782TC

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No-Skive Multispiral

SAE 100R13 – ISO 3862 Type R13 –
EN 856 Type R13

Primary Applications

Generally extremely high pressure hydraulic applications

Type Approvals

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

Applicable Specifications

SAE 100R13 – ISO 3862 Type R13 –
EN 856 Type R13

Construction

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

Temperature Range -40 °C up to +125 °C

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



- **No-Skive** hose construction
- Constant working pressure of 35.0 MPa
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved
- Hose is suitable for temporary immersion in mineral oil up to 70 °C with frequent inspections
- Nitrile (NBR) inner tube
– extended fluid compatibility

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		
782TC-12	19	3/4	-12	19.1	32.0	35.0	5000	140.0	20000	240	1.59
782TC-16	25	1	-16	25.4	39.0	35.0	5000	140.0	20000	300	2.20
782TC-20	31	1 1/4	-20	31.8	50.0	35.0	5000	140.0	20000	420	3.69
782TC-24	38	1 1/2	-24	38.1	57.0	35.0	5000	140.0	20000	500	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 TOUGH COVER 782TC-20 WP 35,0 MPa (5000 PSI) MSHA XXXX SAE100R13-20 31,5 mm (1 1/4) ISO3862-1/



Da-15

Catalogue 4400/UK

Parkrimp Hose