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No-Skive Multispiral

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



- *No-Skive* hose construction
- Reinforcement of four or six high tensile steel wires
- Constant working pressure of 35.0 Mpa
- MSHA approved

Primary Applications

General 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: Synthetic rubber
Reinforcement: Four or six spirals high-tensile steel wire
Cover: MSHA approved synthetic rubber

Temperature Range ..... -40 °C up to +125 °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
781-12	19	3/4	-12	19.1	32.0	35.0	5000	140.0	20000	240	1.59
781-16	25	1	-16	25.4	39.0	35.0	5000	140.0	20000	300	2.20
781-20	31	1 1/4	-20	31.8	50.0	35.0	5000	140.0	20000	420	3.69
781-24	38	1 1/2	-24	38.1	57.0	35.0	5000	140.0	20000	500	4.79

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

Parker NO-SKIVE 781-20 WP 35,0 MPa (5000 PSI) MSHA XXXX SAE100R13-20 31,5 mm (1 1/4) ISO3862-1/EN856/

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