

High Pressure Standard

781

781

No-Skive Multispiral

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

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



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

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.

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		
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.