782TC

No-Skive Multispiral

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



- *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

Primary Applications

Generally extremely high pressure hydraulic applications

Type Approvals

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

Applicable Specifications

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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

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
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.

Parkrimp Hose

Hose layline example



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