787ST

No-Skive GlobalCore Compact Spiral™

Super Tough

Sizes -4 to -6 exceed ISO 18752-AC
Sizes -8 to -32 exceed ISO 18752-DC



- 1/2 the bend radius of SAE 100R13
- Constant working pressure of 35.0 MPa
- Reduced O.D. and new construction lead to superior flexibility
- 1/3 less effort to bend
- Weight reduction – up to 26 %
- Extreme abrasion resistant SUPER TOUGH cover

Primary Applications

On- & offshore, construction, injection moulding, mining

Type Approvals

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

Applicable Specifications

Exeeds SAE 100R13 – ISO 3862 Type R13 –
EN 856 Type R13 – ISO 18752-AC/DC

Construction

Inner Tube: Proprietary synthetic rubber
Reinforcement: Four or six spirals high-tensile steel wire
Cover: Synthetic rubber
with a special polyethylene coating

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

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

Recommended Fluids

Petroleum based hydraulic fluids and lubricating oils. Wide Compatibility exceeding Column III, with additional chemical resistance, especialy for diesel and biodiesel. Consult the chemical compatibility section on pages ***Ab-26*** to ***Ab-34*** for more detailed information.

Fitting Series

Series 43/48 for sizes -4 and -6





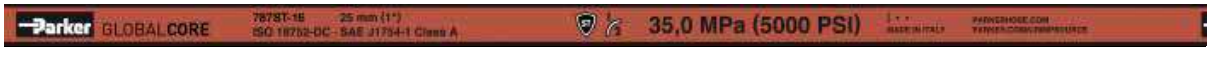
Series 77 for sizes -8 up to -32



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
787ST-4	6	1/4	4	6.3	13.0	35.0	5000	140.0	20000	50	0.31
787ST-6	10	3/8	-6	10.0	17.2	35.0	5000	140.0	20000	63	0.42
787ST-8	12	1/2	-8	12.7	21.1	35.0	5000	140.0	20000	90	0.67
787ST-10	16	5/8	-10	15.9	23.9	35.0	5000	140.0	20000	100	0.80
787ST-12	19	3/4	-12	19.1	27.9	35.0	5000	140.0	20000	120	1.16
787ST-16	25	1	-16	25.4	35.7	35.0	5000	140.0	20000	150	1.74
787ST-20	31	1 1/4	-20	31.8	44.9	35.0	5000	140.0	20000	210	2.89
787ST-24	38	1 1/2	-24	38.1	52.8	35.0	5000	140.0	20000	255	3.96
787ST-32	51	2	-32	50.8	67.6	35.0	5000	140.0	20000	318	6.50

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



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