

787 / 787TC / 787ST

No-Skive GlobalCore Compact Spiral™

Primary Applications

On- & offshore, construction, injection moulding, mining

Applicable Specifications

Exceed ISO 18752-AC/CC/DC

Construction

Inner tube: Proprietary synthetic rubber
Reinforcement: Two braid steel wire for sizes -4 to -6,
four or six compact spiral steel wire
for sizes -8 to -32
Cover: Synthetic rubber



- 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 %

Fitting Series

Series 43/48 for sizes -4 and -6



Series 77 for sizes -8 up to -32



Recommended Fluids

Petroleum based hydraulic fluids and lubricating oils.

Please refer to our main catalogue CAT/4400 for more detailed information.



Standard Cover

Temperature Range

-40 °C up to +100 °C

Exception:

Air → max. +70 °C
Water → max. +85 °C



Tough Cover

Highly abrasion resistant **TOUGH COVER** MSHA approved



Super Tough Cover

Extreme abrasion resistant **SUPER TOUGH cover** MSHA approved

Temperature Range

-40 °C up to +125°C (size -4 up to +100°C)

Exception:

Air → max. +70 °C
Water → max. +85 °C

Part Number	Hose I.D.				Hose O.D.	Pressure Rating				min. bend radius	weight		
	DN	Inch	Size	mm		mm	max. working pressure	min. burst pressure	min. burst pressure				
						MPa	psi	MPa	psi	mm	kg		
787-4	787TC-4	787ST-4	6	1/4	-4	6.3	13.0	35.0	5000	140.0	20000	50	0.31
787-6	787TC-6	787ST-6	10	3/8	-6	10.0	17.2	35.0	5000	140.0	20000	63	0.42
787-8	787TC-8	787ST-8	12	1/2	-8	12.7	21.1	35.0	5000	140.0	20000	90	0.67
787-10	787TC-10	787ST-10	16	5/8	-10	15.9	23.9	35.0	5000	140.0	20000	100	0.80
787-12	787TC-12	787ST-12	19	3/4	-12	19.1	27.9	35.0	5000	140.0	20000	120	1.16
787-16	787TC-16	787ST-16	25	1	-16	25.4	35.7	35.0	5000	140.0	20000	150	1.74
787-20	787TC-20	787ST-20	31	1 1/4	-20	31.8	44.9	35.0	5000	140.0	20000	210	2.89
787-24	787TC-24	787ST-24	38	1 1/2	-24	38.1	52.8	35.0	5000	140.0	20000	255	3.96
787-32	787TC-32	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

