

797 / 797TC / 797ST

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 size -4,
four or six compact spiral steel wire
for sizes -6 to -32
Cover: Synthetic rubber



- 1/2 the bend radius of SAE 100R15
- Constant working pressure of 42.0 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 size -4



Series 43 for size -6



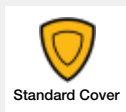
Series 77 for sizes -8 up to -32



Recommended Fluids

Petroleum based hydraulic fluids and lubricating oils.

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



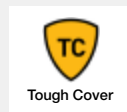
Standard Cover

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. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm	max. working pressure MPa	psi		min. burst pressure MPa	psi				
797-4	797TC-4	797ST-4	6	1/4	-4	6.3	13.0	42.0	6000	168.0	24000	50	0.31
797-6	797TC-6	797ST-6	10	3/8	-6	10.0	17.0	42.0	6000	168.0	24000	63	0.46
797-8	797TC-8	797ST-8	12	1/2	-8	12.7	21.1	42.0	6000	168.0	24000	100	0.67
797-10	797TC-10	797ST-10	16	5/8	-10	15.9	23.9	42.0	6000	168.0	24000	115	0.80
797-12	797TC-12	797ST-12	19	3/4	-12	19.1	27.9	42.0	6000	168.0	24000	135	1.16
797-16	797TC-16	797ST-16	25	1	-16	25.4	35.7	42.0	6000	168.0	24000	165	1.74
797-20	797TC-20	797ST-20	31	1 1/4	-20	31.8	44.9	42.0	6000	168.0	24000	225	2.89
797-24	797TC-24	797ST-24	38	1 1/2	-24	38.1	52.8	42.0	6000	168.0	24000	305	3.96
797-32	797TC-32	797ST-32	51	2	-32	50.8	67.6	42.0	6000	168.0	24000	380	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

