

0797TC

Sizes -8 to -20 exceed ISO 18752-DC
 Sizes -24 to -32 exceed ISO 18752-CC

Primary Applications

On- & offshore, construction, injection moulding, mining



Applicable Specifications

Exceeds SAE 100R15 - ISO 3862
 Type R15 - ISO 18752-AC/CC/DC

Construction

Inner tube: Proprietary synthetic rubber
 Reinforcement: Six-compact spiral steel wires
 Cover: Highly abrasion resistance MSHA approved

Temperature Range

Exception:

-40 °C up to +125 °C

Air max. +70 °C
 Water max. +85 °C

- 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 %
- Highly abrasion resistant TOUGH COVER
- MSHA approved

Recommended Fluids

Petroleum based hydraulic fluids and lubricating oils.
 Wide Compatibility exceeding Column III, with additional chemical resistance, especially for diesel and biodiesel.



77 series

Order Code	Hose I.D.				Hose O.D. mm	Pressure Rating		min. bend radius	Weight kg
	DN	Inch	Size	mm		max. working pressure MPa	min. burst pressure MPa		
0797TC-08	12	1/2	-8	12.7	21.1	42.0	168.0	100	0.67
0797TC-10	16	5/8	-10	15.9	23.9	42.0	168.0	115	0.80
0797TC-12	19	3/4	-12	19.1	27.9	42.0	168.0	135	1.16
0797TC-16	25	1	-16	25.4	35.7	42.0	168.0	165	1.74
0797TC-20	31	1 1/4	-20	31.8	44.9	42.0	168.0	225	2.89
0797TC-24	38	1 1/2	-24	38.1	52.8	42.0	168.0	305	3.96
0797TC-32	51	2	-32	50.8	67.6	42.0	168.0	380	6.50