

787TC – Compact Spiral

ISO 18752-DC

Primary Applications

On- & offshore, construction, injection molding, mining

Applicable Specifications

SAE 100R13 – ISO3862 Type R13

Construction

Tube: Proprietary synthetic rubber
Reinforcement: Four spiral high-tensile steel wire
Cover: High abrasion-resistant
MSHA approved synthetic rubber

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

Exception: Air max. +70 °C

Water max. +85 °C

Polyol ester fluids max. +65 °C









- 1/2 the bend radius of SAE 100R13
- Constant working pressure of 35.0 MPa
- Significantly reduced O.D. and new construction lead to superior flexibility
- 1/3 less effort to bend
- Weight reduction – up to 26 % savings over standard spiral hose
- MSHA approved

Recommended Fluids

Petroleum base hydraulic fluids and lubricating oils.
Wide Compatibility exceeding Column III , with additional chemical resistance, especially for diesel and biodiesel.
For chemical compatability please contact
HPDE_helpdesk@parker.com

Fittings Series



Part Number	 Hose I.D.				 Hose O.D.	Pressure Rating				 min. bend radius	 weight
						 max. dynamic working pressure		 min. burst pressure			
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
787TC-8	12	1/2	-8	12.7	21.1	35	5000	140	20000	90	0.67
787TC-10	16	5/8	-10	15.9	23.9	35	5000	140	20000	100	0.80
787TC-12	20	3/4	-12	19.1	27.9	35	5000	140	20000	120	1.16
787TC-16	25	1	-16	25.4	35.7	35	5000	140	20000	150	1.74

The combination of high temperature and high pressure could reduce the hose life.

797TC – Compact Spiral

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Primary Applications

On- & offshore, construction, injection molding, mining

Applicable Specifications

SAE 100R15 – ISO3862 Type R15

Construction

Tube: Proprietary synthetic rubber
Reinforcement: Four spiral high-tensile steel wire
Cover: High abrasion-resistant
MSHA approved synthetic rubber

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

Exception: Air max. +70 °C

Water max. +85 °C

Polyol ester fluids max. +65 °C









- 1/2 the bend radius of SAE 100R15
- Constant working pressure of 42.0 MPa
- Significantly reduced O.D. and new construction lead to superior flexibility
- 1/3 less effort to bend
- Weight reduction – up to 26 % savings over standard spiral hose
- MSHA approved

Recommended Fluids

Petroleum base hydraulic fluids and lubricating oils.
Wide Compatibility exceeding Column III , with additional chemical resistance, especially for diesel and biodiesel.
For chemical compatability please contact
HPDE_helpdesk@parker.com

Fittings Series



Part Number						Pressure Rating					
	Hose I.D.				Hose O.D.	 max. dynamic working pressure		 min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
797TC-8	12	1/2	-8	12.7	21.1	42	6000	168	24000	100	0.67
797TC-10	16	5/8	-10	15.9	23.9	42	6000	168	24000	115	0.80
797TC-12	20	3/4	-12	19.1	27.9	42	6000	168	24000	135	1.16
797TC-16	25	1	-16	25.4	35.7	42	6000	168	24000	165	1.74

The combination of high temperature and high pressure could reduce the hose life.