

HYDRAULIC

797

Markets



Parker's GlobalCore 797 hose provides 6,000 psi (42 MPa) constant working pressure in all sizes. Compared with conventional spiral hose, 797 hose offers measurably greater advantages in routing and installation, product size and weight, inventory savings and much more. The 797 hose meets ISO 18752 performance specification.

- ½ the bend radius of SAE spiral
- 6,000 psi constant working pressure in all sizes
- Meets ISO 18752 performance specification (BC/CC/DC)
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested to 2,000,000 cycles
- Flex impulse tested providing a hose superior in both performance and service life
- Less hose weight than SAE spiral

Performance



797 Hydraulic – Constant Working Pressure ISO 18752 - BC/CC/DC



# Part Number	ISO 18752 Performance		Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp
	Standard Cover	Tough Cover	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	77 Series
	797	797TC											
797-8	BC	DC	1/2	12,5	0.83	21,1	6000	42,0	4	100	0.45	0,67	●
797-10	BC	DC	5/8	16	0.94	23,9	6000	42,0	4-1/2	100	0.54	0,80	●
797-12	BC	DC	3/4	19	1.10	27,9	6000	42,0	5-1/4	135	0.78	1,16	●
797-16	BC	DC	1	25	1.40	35,7	6000	42,0	6-1/2	165	1.17	1,74	●
797-20	BC	DC	1-1/4	31,5	1.77	44,9	6000	42,0	8-3/4	225	1.95	2,89	●
797-24	BC	CC	1-1/2	38	2.08	52,8	6000	42,0	12	305	2.66	3,96	●
797-32	BC	CC	2	51	2.66	67,6	6000	42,0	15	380	4.37	6,50	●

Application: Petroleum-based hydraulic fluids, lubricating oils

Inner Tube: Proprietary synthetic rubber

Reinforcement: Four- or six-spiral steel wires

Cover: Standard Cover: Synthetic rubber

ToughCover: Synthetic rubber abrasion resistant

SuperTough: Synthetic rubber super abrasion resistant

Fittings: 77 Series - pg. B-94.

Temp. Range: Standard Cover: -40°F to +212°F (-40°C to +100°C) - BC

ToughCover & SuperTough: -40°F to +257°F (-40°C to +125°C) - CC/DC