

HYDRAULIC

797

Markets



Parker's GlobalCore 797 hose provides 6,000 psi (42 MPa) constant working pressure in sizes -4 through -32. Tested up to 2,000,000 cycles, 797 hose provides superior performance and service life with an easy-to-install compact spiral construction for high-pressure, high-impulse applications.

- Meets ISO 18752 performance specification
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested up to 2,000,000 cycles
- Flex impulse tested providing a hose superior in both performance and service life
- Weighs less than SAE spiral hose
- TC cover provides 80 times and ST cover 450 times abrasion resistance when compared to standard covers

Performance



797

Hydraulic – Constant Working Pressure

ISO 18752



view on web page

#	Standard Cover	Tough Cover	Super Tough Cover	Critical Protection	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	Parkrimp
Part Number	797	797TC	797ST	787CP	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
ISO 18752 Performance																
797-4	AC	AC	AC		1/4	6,3	0.51	13,0	6000	42,0	2	50	0.21	0,31	•	
797-6	BC	CC	CC		3/8	10	0.66	17,0	6000	42,0	2-1/2	63	0.31	0,46	•	
797-8	BC	DC	DC	DC	1/2	12,5	0.83	21,1	6000	42,0	4	100	0.45	0,67		•
797-10	BC	DC	DC		5/8	16	0.94	23,9	6000	42,0	4-1/2	115	0.54	0,80		•
797-12	BC	DC	DC	DC	3/4	19	1.10	27,9	6000	42,0	5-1/4	135	0.78	1,16		•
797-16	BC	DC	DC	DC	1	25	1.40	35,7	6000	42,0	6-1/2	165	1.17	1,74		•
797-20	BC	DC	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	CC		1-1/2	38	2.08	52,8	6000	42,0	12	305	2.66	3,96		•
797-32	BC	CC	CC		2	51	2.66	67,6	6000	42,0	15	380	4.37	6,50		•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Proprietary synthetic rubber.

Reinforcement: Two-braid steel wire for size -4, Four- or six-compact spiral steel wires for sizes -6 to -32.

Cover: Standard Cover: Synthetic rubber.

ToughCover: Synthetic rubber abrasion resistant.

SuperTough Cover: Synthetic rubber super abrasion resistant.

Critical Protection Cover: Synthetic rubber excellent abrasion & damage resistance.

Fittings: 43 Series: sizes -4 to -6 - pg. B-27.

77 Series: sizes -8 to -32 - pg. B-90.

Temperature Range: Standard Cover: -40°F to +212°F

(-40°C to +100°C).

ToughCover & SuperTough Cover:

-40°F to +257°F (-40°C to +125°C).

(-4 rated to +212°F).

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

Updated 2/2023