

# 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

# Part Number	TC	ST	CP	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	Parkrimp	
	797	797ST	797CP	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	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](http://www.p65warnings.ca.gov).