

797 Hose

High pressure, low weight makes installation easy



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

- 1/2 the bend radius of SAE spiral
- 6,000 psi constant working pressure in all sizes
- Exceeds 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 (DC rated hoses)
- Flex impulse tested, providing a hose superior in both performance and service life
- Up to 26% less hose weight than SAE spiral



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



# Part Number	ISO 18752 Performance			Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	
	Standard Cover 797	Tough Cover 797TC	Super Tough 797ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
797-4	AC	AC	AC	1/4	6,3	0.51	13	6000	42	2	50	0,21	0,31	•	
797-6	BC	CC	CC	3/8	10	0.66	17	6000	42	2-1/2	63	0,31	0,46	•	
797-8	BC	DC	DC	1/2	12,5	0.83	21,1	6000	42	4	100	0,45	0,67		•
797-10	BC	DC	DC	5/8	16	0.94	23,9	6000	42	4-1/2	115	0,54	0,80		•
797-12	BC	DC	DC	3/4	19	1.10	27,9	6000	42	5-1/4	135	0,78	1,16		•
797-16	BC	DC	DC	1	25	1.40	35,7	6000	42	6-1/2	165	1,17	1,74		•
797-20	BC	DC	DC	1-1/4	31,5	1.77	44,9	6000	42	8-3/4	225	1,95	2,89		•
797-24	BC	CC	CC	1-1/2	38	2.08	52,8	6000	42	12	305	2,66	3,96		•
797-32	BC	CC	CC	2	51	2.66	67,6	6000	42	15	380	4,37	6,50		•

Application: Petroleum-based hydraulic fluids, 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: Synthetic rubber super abrasion resistant

Fittings: 43 Series, sizes -4 to -6
77 Series, sizes -8 to -32

Temp. Range: Standard Cover:
-40°F to +212°F (-40°C to +100°C)
ToughCover & SuperTough:
-40°F to +257°F (-40°C to +125°C)
(-4 rated to +212°F)