

HYDRAULIC

787

Markets



Parker's GlobalCore 787 hose provides 5,000 psi (35 MPa) constant working pressure in all sizes. Compared with conventional spiral hose, the Compact Spiral design 787 hose offers measurably greater advantages in routing and installation, product size and weight, inventory savings and much more. The 787 hose meets ISO 18752 performance specification.

- ½ ISO 18752 minimum bend radius
- 5,000 psi constant working pressure in all sizes
- 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
- Less hose weight than SAE spiral

Performance



787

Hydraulic – Constant Working Pressure
ISO 18752 - AC/BC/DC



# Part Number	Standard Cover	TC Tough Cover	ST Super Tough Cover	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	Parkrimp
	787	787TC	787ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
	ISO 18752 Performance														
787-4	AC	AC	AC	1/4	6,3	0.51	13,0	5000	35,0	2	50	0.21	0.31	●	
787-6	AC	AC	AC	3/8	10	0.68	17,2	5000	35,0	2-1/2	63	0.28	0,42	●	
787-8	BC	DC	DC	1/2	12,5	0.83	21,1	5000	35,0	3-1/2	90	0.45	0,67		●
787-10	BC	DC	DC	5/8	16	0.94	23,9	5000	35,0	4	100	0.54	0,80		●
787-12	BC	DC	DC	3/4	19	1.10	27,9	5000	35,0	4-3/4	120	0.78	1,16		●
787-16	BC	DC	DC	1	25	1.40	35,7	5000	35,0	6	150	1.17	1,74		●
787-20	BC	DC	DC	1-1/4	31,5	1.77	44,9	5000	35,0	8-1/4	210	1.95	2,89		●
787-24	BC	DC	DC	1-1/2	38	2.08	52,8	5000	35,0	10	255	2.66	3,96		●
787-32	BC	DC	DC	2	51	2.66	67,6	5000	35,0	12-1/2	318	4.37	6,50		●

Application: Petroleum-based hydraulic fluids, lubricating oils

Inner Tube: Proprietary synthetic rubber

Reinforcement: Two-braid steel wire for sizes -4 to -6, Four- or six-compact spiral steel wires for sizes -8 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 - pg. B-25
77 Series: sizes -8 to -32 - pg. B-94

Temperature 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 to -6 rated to +212°F)