

# HYDRAULIC

# 787

## Markets



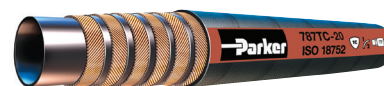
Parker's GlobalCore 787 hose provides 5,000 psi (35 MPa) constant working pressure in all sizes. Compared with conventional spiral hose, the Compact Spiral design 787 hose offers measurably greater advantages in routing and installation, product size and weight, inventory savings and much more. The 787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

## 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, 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 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
- 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

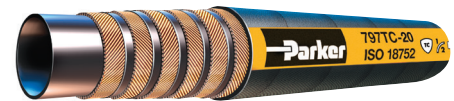
## Performance



## 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	Tough Cover	Super Tough Cover	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
	797	797TC	797ST												
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	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	3/4	19	1.10	27,9	6000	42,0	5-1/4	135	0.78	1,16		●
797-16	BC	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-based hydraulic fluids, lubricating oils

**Inner Tube:** Proprietary synthetic rubber

**Reinforcement:** Two-braid steel wire for sizes -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 - 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 rated to +212°F)