

## 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, 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 (BC/DC)
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested 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 - BC/DC



# Part Number													
	Standard Cover 787	Tough Cover 787TC	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp
	ISO 18752 Performance		inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	77 Series
787-8	BC	DC	1/2	12,5	0.83	21,1	5000	35,0	3-1/2	90	0.45	0,67	●
787-10	BC	DC	5/8	16	0.94	23,9	5000	35,0	4	100	0.54	0,80	●
787-12	BC	DC	3/4	19	1.10	27,9	5000	35,0	4-3/4	120	0.78	1,16	●
787-16	BC	DC	1	25	1.40	35,7	5000	35,0	6	150	1.17	1,74	●
787-20	BC	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	1-1/2	38	2.08	52,8	5000	35,0	10	255	2.66	3,96	●
787-32	BC	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:** Four- or six-spiral steel wires

**Cover:** Standard Cover: Synthetic rubber

ToughCover: Synthetic rubber abrasion resistant

SuperTough: Synthetic rubber super abrasion resistant

**Fittings:** 77 Series - pg. B-94.

**Temp. Range:** Standard Cover: -40°F to +212°F (-40°C to +100°C) - BC

ToughCover & SuperTough: -40°F to +257°F (-40°C to +125°C) - DC