

787 / 787TC Compact Spiral™ Hose

Lighter weight, high flexibility make installation easy



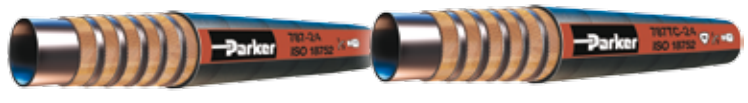
Parker's GlobalCore 787 hose provides 35 MPa (5,000 psi) constant working pressure in all sizes. Compared with conventional spiral hose, 787 hose offers measurably greater advantages in routing and installation, product size and weight, inventory savings and much more. The 787 hose exceeds the ISO 18752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



- ½ ISO 18752 minimum bend radius
- 35 MPa (5,000 psi) constant working pressure in all sizes
- Exceeds 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
- 30 % less hose weight than SAE spiral



787 / 787TC No-Skive Compact Spiral™



Part Number	ISO 18752 Performance		Hose I.D.				Hose O.D.		Pressure Rating				min. bend radius	weight
	Standard Cover 787	Tough Cover 787TC	DN	Inch	Size	mm	mm	max. working pressure	min. burst pressure	MPa	psi	MPa		
787XX-8	BC	DC	12	1/2	-8	12.7	21.1	35.0	5000	140.0	20000	90	0.67	
787XX-10	BC	DC	16	5/8	-10	15.9	23.9	35.0	5000	140.0	20000	100	0.80	
787XX-12	BC	DC	19	3/4	-12	19.1	27.9	35.0	5000	140.0	20000	120	1.16	
787XX-16	BC	DC	25	1	-16	25.4	35.7	35.0	5000	140.0	20000	150	1.74	
787XX-20	BC	DC	31	1 1/4	-20	31.8	44.9	35.0	5000	140.0	20000	210	2.89	
787XX-24	BC	DC	38	1 1/2	-24	38.1	52.8	35.0	5000	140.0	20000	255	3.96	
787XX-32	BC	DC	51	2	-32	50.8	67.6	35.0	5000	140.0	20000	318	6.50	

Replace the hose when any deformation or damage on the hose cover are visible. The combination of high temperature and high pressure could reduce the hose life.

Construction

- Tube: Proprietary synthetic rubber
- Reinforcement: Four or six spirals high-tensile steel wire
- Standard Cover: Synthetic rubber
- TC Cover: High abrasion resistance MSHA approved synthetic rubber

Recommended Fluids

Petroleum base hydraulic fluids and lubricating oils.

Fitting Series



Temperature Range

- Standard Cover: -40 °C up to +100 °C
- TC Cover: -40 °C up to +125 °C
- Exception: Air max. +70 °C
- Water max. +85 °C

How to order

787 Hose with **standard** cover: leave **xx blank**

787 Hose with **TC** cover: replace **xx** by **TC**