

487 / 487TC / 487ST Hose

Highly flexible across all sizes



Parker's GlobalCore 487 hose provides 28 MPa (4,000 psi) constant working pressure in all sizes. Designed for high performance, 487 is available in a variety of cover options, including Standard, ToughCover and SuperTough. Its synthetic rubber inner tube provides a wider range of fluid compatibility. Rated to the ISO 18752 performance specification, 487 will excel in multiple applications around the world.



- ½ ISO 18752 minimum bend radius
- Low force to flex for ease of installation
- 28 MPa (4,000 psi) constant working pressure in all sizes
- Exceeds ISO 18752 performance specification (AC, BC & CC)
- TC cover provides 80 times the abrasion resistance compared to Standard rubber cover hose
- ST cover provides 450 times the abrasion resistance compared to Standard rubber cover hose



487 / 487TC / 487ST No-Skive GlobalCore



Part Number	Cover Options			Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	Standard Cover 487	Tough Cover 487TC	Super Tough 487ST	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi		
	ISO 18752 Performance													
487XX -4	AC	AC	AC	6	1/4	-4	6.4	13.1	28.0	4000	112.0	16000	50	0.30
487XX -6	AC	AC	AC	10	3/8	-6	9.5	17.2	28.0	4000	112.0	16000	65	0.42
487XX -8	AC	AC	AC	12	1/2	-8	12.7	20.4	28.0	4000	112.0	16000	90	0.52
487XX -10	AC	AC	AC	16	5/8	-10	15.9	23.9	28.0	4000	112.0	16000	100	0.66
487XX -12	AC	AC	AC	19	3/4	-12	19.1	27.8	28.0	4000	112.0	16000	120	0.86
487XX -16	BC	CC	CC	25	1	-16	25.4	37.8	28.0	4000	112.0	16000	150	1.99
487XX -20	BC	CC	CC	31	1 1/4	-20	31.8	46.3	28.0	4000	112.0	16000	210	2.59
487XX -24	BC	CC	CC	38	1 1/2	-24	38.1	52.8	28.0	4000	112.0	16000	250	3.08
487XX -32	BC	CC	-	51	2	-32	50.8	64.8	28.0	4000	112.0	16000	630*	4.09

The combination of high temperature and high pressure could reduce the hose life.

*This size only not 1/2 minimum bend.

Construction

Tube: Synthetic rubber
 Reinforcement: One- or two-braid steel wire (four-spiral for sizes -20 up to -32)

Standard Cover: Synthetic rubber
 TC Cover: High abrasion resistance MSHA approved synthetic rubber
 ST Cover: Synthetic rubber with a special polyethylene coating

Recommended Fluids

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1.7 MPa, the hose cover must be pin-pricked.

Fitting Series
 size -4 up to -16

size -20 up to -32



* size -16 under development with 48 series

Temperature Range

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

How to order

487 Hose with **standard** cover: leave **xx blank**
 487 Hose with **TC** cover: replace **xx** by **TC**
 487 Hose with **ST** cover: replace **xx** by **ST**