487 / 487TC / 487ST Hose

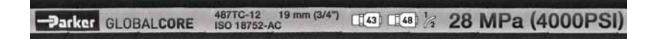
Highly flexible across all sizes



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.



- 1/2 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-Shive GlobalCore



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Part Number	Standard Cover 487	Tough Cover 487TC	Super Tough 487ST	Hose I.D.			Hose O.D.	max. working pressure		min. burst pressure		min. bend radius	weight	
	ISO 18	752 Perfor	mance	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
487 XX -4	AC	AC	AC	6	1/4	-4	6.4	13.1	28.0	4000	112.0	16000	50	0.30
487 XX -6	AC	AC	AC	10	3/8	-6	9.5	17.2	28.0	4000	112.0	16000	65	0.42
487 XX -8	AC	AC	AC	12	1/2	-8	12.7	20.4	28.0	4000	112.0	16000	90	0.52
487 XX -10	AC	AC	AC	16	5/8	-10	15.9	23.9	28.0	4000	112.0	16000	100	0.66
487 XX -12	AC	AC	AC	19	3/4	-12	19.1	27.8	28.0	4000	112.0	16000	120	0.86
487 XX -16	BC	CC	CC	25	1	-16	25.4	37.8	28.0	4000	112.0	16000	150	1.99
487 XX -20	BC	CC	CC	31	1 1/4	-20	31.8	46.3	28.0	4000	112.0	16000	210	2.59
487 XX -24	BC	CC	CC	38	1 1/2	-24	38.1	52.8	28.0	4000	112.0	16000	250	3.08
487 XX -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.

Construction

Tube: Reinforcement:	Synthetic rubber 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

Temperature Range

Standard Cover	40 °C up to +100 °C	2
TC / ST Cover:	40 °C up to +125 °C	2
Exception:	Air max. +70 °C Water max. +85 °C	

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

*This size only not 1/2 mimimum bend.

How to order 487 Hose with standard cover: 487 Hose with TC cover: 487 Hose with ST cover:

leave xx blank replace xx by TC replace xx by ST