

722 / 722TC / 722ST Hose

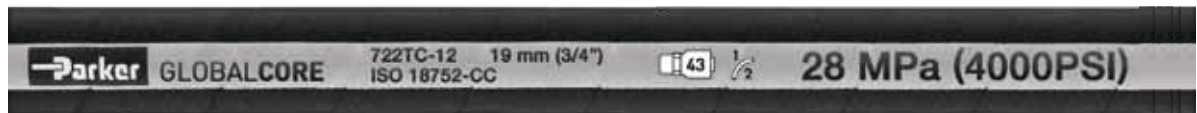
Resilient 4-wire spiral construction



Parker's GlobalCore 722 spiral hose provides 28 MPa (4,000 psi) constant working pressure in sizes -6 through -16. Designed for high-pressure, high-impulse applications, 722 hose is offered in Standard, ToughCover and SuperTough cover options. It is one-half the bend radius of 100R12 hose, making it easy to install and reducing the amount of hose needed. Exceeding the ISO 18752 performance specification, Parker's 722 hose excels in multiple applications around the world.



- ½ ISO 18752 minimum bend radius
- 28 MPa (4,000 psi) constant working pressure
- Exceeds ISO 18752 performance specification (BC and CC)
- 4-spiral construction for longer life in high-impulse, heavy-duty cycle applications
- TC cover provides 80 times the abrasion resistance compared to Standard rubber cover hoses
- ST cover provides 450 times the abrasion resistance compared to Standard rubber cover hoses



722 / 722TC / 722ST

No-Skive GlobalCore



Part Number	ISO 18752 Performance			Hose I.D.				Pressure Rating				min. bend radius	weight	
	Standard Cover 722	Tough Cover 722TC	Super Tough 722ST	DN	Inch	Size	mm	Hose O.D. mm	max. working pressure MPa	psi	min. burst pressure MPa			psi
722XX-6	BC	CC	CC	10	3/8	-6	9.5	19.9	28.0	4000	112.0	16000	65	0.60
722XX-8	BC	CC	CC	12	1/2	-8	12.7	22.7	28.0	4000	112.0	16000	90	0.80
722XX-10	BC	CC	CC	16	5/8	-10	15.9	26.4	28.0	4000	112.0	16000	100	1.10
722XX-12	BC	CC	CC	19	3/4	-12	19.1	30.7	28.0	4000	112.0	16000	120	1.40
722XX-16	BC	CC	CC	25	1	-16	25.4	37.8	28.0	4000	112.0	16000	150	1.99

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

Construction

- Tube: Synthetic rubber
- Reinforcement: Four spirals high-tensile steel wire
- 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



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

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