HYDRAULIC

722

Markets



















Parker's GlobalCore 722 spiral hose provides 4,000 psi (28 MPa) 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. Meeting the ISO 18752 performance specification, Parker's 722 hose excels in multiple applications around the world.

- ½ ISO 18752 minimum bend radius
- 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 and ST cover 450 times abrasion resistance when compared to standard covers

Performance









722 Hydraulic – Constant Working PressureISO 18752



| # Part Number | Standard Cover 722 | Tough Cover 722TC | Super Tough 722ST | Hos | se I.D. | Hose | O.D. | Worl Press | - | Minii Bend I | mum | k We | g ight | Parkrimp |
|---------------|--------------------------|-------------------------|-------------------------|-----|---------|------|------|---------------|------|-----------------|-----|---------|-----------|-----------|
| | ISO 187 | ISO 18752 Performance | | | mm | inch | mm | psi | MPa | inch | mm | lbs/ft | kg/m | 43 Series |
| 722-6 | BC | CC | CC | 3/8 | 10 | 0.78 | 19,9 | 4000 | 28,0 | 2-1/2 | 65 | 0.40 | 0,60 | • |
| 722-8 | ВС | CC | CC | 1/2 | 12,5 | 0.89 | 22,7 | 4000 | 28,0 | 3-1/2 | 90 | 0.54 | 0,80 | • |
| 722-10 | ВС | CC | CC | 5/8 | 16 | 1.04 | 26,4 | 4000 | 28,0 | 4 | 100 | 0.74 | 1,10 | • |
| 722-12 | ВС | CC | CC | 3/4 | 19 | 1.21 | 30,7 | 4000 | 28,0 | 4-3/4 | 120 | 0.94 | 1,40 | • |
| 722-16 | ВС | CC | CC | 1 | 25 | 1.50 | 37,8 | 4000 | 28,0 | 6 | 150 | 1.34 | 1,99 | • |

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Four-spiral steel wire. **Cover:** Standard Cover: Synthetic rubber.

ToughCover: Synthetic rubber abrasion resistant.

SuperTough Cover: Synthetic rubber super abrasion resistant.

Fittings: 43 Series - pg. B-27.

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

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

В

D

_

B

Hydraulic Hose: 722TC/ST

HYDRAULIC

722TC / ST

Markets





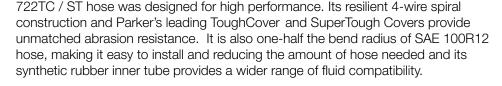












- 1/2 the bend radius of SAE 100R12 hose, reducing the amount of hose needed to make your connection
- 4-spiral construction for longer lasting hose in high impulse, heavy duty cycle applications
- Synthetic rubber inner tube provides a wider range of fluid compatibility



Performance







722TC/ST-32

Hydraulic - ToughCover ISO 3862-1 TYPE R12 / SAE J517 100R12 / SAF J1942 / FN 856 TYPE R12

| OAL 0134271 | _14 050 | | _ 1112 | | | | | | | | | | |
|---------------------|---------|-----------|--------|-----------|------|---------------------|-------|------------------------|--------|---------------|-----------|----------|--|
| # Part Number | Hose | Hose I.D. | | Hose O.D. | | Working Pressure | | Minimum Bend Radius | | C S aht | Parkrimp | Parkrimp | |
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs/ft | Ŭ | 43 Series | | |
| 722TC/ST-20 | 1-1/4 | 31,4 | 1.84 | 46 | 3000 | 21,0 | 8-1/4 | 210 | 1.74 | 2,59 | • | | |
| 722TC/ST-24 | 1-1/2 | 38 | 2.07 | 53 | 2500 | 17,5 | 10 | 250 | 2.01 | 2,99 | | • | |

2.59 | 66 | 2500 | 17,5 | 12-1/2 | 320 | 2.75 | 4,09

Application: Petroleum based hydraulic fluids, lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Four spiral steel wire. Cover: Synthetic rubber, MSHA accepted.

Temperature Range: -40°F to +257°F (-40°C to 125°C).

Fittings: 43 Series, sizes -6 to -20 - pg. B-27. 71 Series, size -24 to -32 - pg. B-71.

- See Section C for Parkrimp Assembly Instructions.
- Temperature Range of other media listed in Section E.



C

