

563TJ – TOUGHJACKET™ SAE 100R17 Hydraulic Hose



Features

- Low length change under pressure makes it an ideal solution for boom or cable track applications where long lengths are required
- Up to 5% smaller O.D. than comparable 100R17 hoses
- Up to 42% lighter than comparable 100R17 hoses
- Excellent flexibility
- Consistent long-lengths
- TOUGHJACKET Polyurethane cover for best abrasion resistance

Compliance

- Meets/Exceeds SAE J517 100R17 performance
- MSHA compliant cover

Series 563TJ

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Max. Working Pressure 73°F/ 23°C		Minimum Bend Radius		Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/mtr	
563TJ-4*	1/4	6.3	0.47	11.9	3,045	21	1-1/2	38.1	0.09	0.14	56
563TJ-6*	3/8	10	0.64	16.3	3,045	21	2	50.8	0.19	0.29	56
563TJ-8	1/2	12.5	0.77	19.5	3,045	21	2-3/4	69.9	0.24	0.36	56
563TJ-10	5/8	16	0.97	24.6	3,045	21	3-1/2	88.9	0.40	0.6	43
563TJ-12	3/4	19	1.12	28.3	3,045	21	4-1/4	108	0.55	0.82	43
563TJ-16	1	25	1.45	36.9	3,045	21	6	150	0.88	1.31	43

Construction

- Tube: Copolyester
- Reinforcement: High Tensile Steel Wire Braid
- Cover: TOUGHJACKET Polyurethane

Fittings

- 56 Series 43 Series
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource

Operating Parameters

- Temperature Range:
 - Petroleum base hydraulic fluids and lubricating oils within temperature range -40°F (-40°C) to 250°F (121°C)
 - Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids limited to 185°F (85°C)
 - Water/glycol hydraulic fluids limited to 135°F (57°C)
- Vacuum Rating: 28 inch Hg
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

- *Available with 56 Rapid Assembly Fittings for quicker installations
- Non-Perforated Cover
- For a lower temperature working hose -70°F (-57°C), see 563LT

Color

- ● Black

