

594TJ – TOUGHJACKET™ SAE 100R19 Hydraulic Hose



Features

- Four-spiral wire hose performance in a high tensile two-wire braid construction
- Excellent flexibility
- Consistent long-lengths
- TOUGHJACKET Polyurethane cover for best abrasion resistance

Compliance

- Meets/Exceeds SAE 100R19 performance
- MSHA compliant cover

Series 594TJ

[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	
594TJ-4	1/4	6.3	0.49	12.5	4,061	28	1-3/4	44.5	0.13	0.19	56
594TJ-6	3/8	10	0.64	16.3	4,061	28	2-1/2	63.5	0.19	0.28	56
594TJ-8*	1/2	12.5	0.85	21.5	4,061	28	3-1/2	88.9	0.39	0.59	43
594TJ-10* **	5/8	16	1.04	26.4	4,061	28	4	100	0.59	0.88	43
594TJ-12*	3/4	19	1.17	29.7	4,061	28	4-3/4	120	0.72	1.07	43

Construction

- Tube: Copolyester
- Reinforcement: One or two braids of High Tensile Steel
- 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 212°F (100°C)
 - Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids limited to 185°F (85°C); **594TJ-10 is limited to 135°F (57°C)
 - Water/glycol hydraulic fluids limited to 135°F (57°C)
- Vacuum Rating: 28 inch Hg
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

- Non-Perforated Cover
- *Two wire braid

Color

- ● Black