

590TJ – TOUGHJACKET™ Hydraulic Hose

Copolyester Core Tube

Two-wire strength, one wire construction for improved bend radius.



Features

- Two wire strength, one wire construction, improved bend radius results
- Low length change under pressure makes it an ideal solution for boom or cable track applications where long lengths are required
- Twin and multi-line available
- TOUGHJACKET Polyurethane cover for best abrasion resistance

Construction

- Tube: Copolyester
- Reinforcement: One or two high tensile steel wire braids
- Cover: TOUGHJACKET Polyurethane

Operating Parameters

- Temperature Range:
 - ♦ Petroleum based hydraulic fluids and lubricating oils within a 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%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Compliance

- MSHA compliant cover

Fittings

- 56 Series – pg. E-33 43 Series – Fittings available from Parker Hose Products Division
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- Non-perforated cover
- *Two wire braid

Color

- ● Black



Series 590TJ

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg/mtr	
590TJ-4	1/4	6.3	0.49	12.5	5,076	35.0	1-3/4	44.5	0.13	0.20	56
590TJ-6	3/8	10	0.64	16.3	4,061	28.0	2-1/4	57.2	0.19	0.29	56
590TJ-8	1/2	12.5	0.76	19.3	3,553	24.5	3-1/4	82.6	0.24	0.36	56
590TJ-12	3/4	19	1.08	27.3	2,500	17.2	4-3/4	120.0	0.39	0.58	43
590TJ-16*	1	25	1.42	36.0	2,030	14.0	6	150.0	0.71	1.06	43



WARNING

This product can expose you to chemicals including Antimony Oxide (Antimony Trioxide), which is known to the State of California to cause cancer, and 2-Imidazolidinethione, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.