

# Parflex TOUGHJACKET™ Hose - 560TJ

## 100R1AT Wire Reinforced Hose Provides Unmatched Durability



Designed to withstand the strains of demanding use, the Parflex 560TJ (TOUGHJACKET™) hose is the optimal solution for large-scale, heavy-duty applications, including construction equipment, material handling equipment and more. 560TJ is a compact, light weight, 100R1AT hose rated from -40°F to +250°F. The hose is designed to have a very low length change under pressure, making it an ideal solution for over the sheave applications where long lengths are required.

The 560TJ TOUGHJACKET hose is available in twin-line and multi-line bonded configurations. These problem-solving assemblies simplify the installation process, allow for smooth operation, and improve the overall strength and stability of the hose to eliminate many of the problems that lead to hose failure. With a resilient, abrasion resistant cover and a durable wire construction, this



TOUGHJACKET solution has the ability to transform and enhance current systems.

### Contact Information:

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[www.parker.com/parflex](http://www.parker.com/parflex)

### Product Features:

- Consistent long lengths
- Low length change under pressure
- TOUGHJACKET cover - 650x the abrasion resistance of standard rubber hose
- Ozone and UV resistant
- 23% to 42% lighter weight than rubber 100R1AT hose
- Smaller O.D. than 100R1AT rubber hose for easier routing
- Excellent flexibility
- Superior bend radius
- Multi-line bonded assemblies available



ENGINEERING YOUR SUCCESS.

# 560TJ – TOUGHJACKET™ SAE 100R1AT Hydraulic Hose



## Features

- Twin or multi-line available
- Lighter and smaller than 100R1AT with longer lengths
- Fast response hose
- TOUGHJACKET Polyurethane cover for best abrasion resistance

## Compliance

- Meets/Exceeds SAE J517 100R1AT performance
- MSHA compliant cover

## Series 560TJ

[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	
560TJ-3	3/16	5	0	9.9	3626	25	3/4	50.8	0.01	0.11	56
560TJ-4	1/4	6.3	0	11.9	3263	22.5	1-1/2	38.1	0.09	0.14	56
560TJ-5	5/16	8	1	13.4	3118	21.5	1-3/4	50.8	0.11	0.16	56
560TJ-6	3/8	10	0.61	15.5	2750	19	2	69.9	0.14	0.21	56
560TJ-8	1/2	12.5	0.75	19	2500	17.2	3	88.9	0.19	0.29	56
560TJ-10	5/8	16	0.93	23.6	2000	13.8	4	108	0.31	0.47	56
560TJ-12	3/4	19	1.04	26.4	1750	12.1	4-1/4	150	0.28	0.42	56

## Construction

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

## Fittings

- 56 Series
- For most Parker products, Crimp Die Selection charts are found online at [www.parker.com/crimpsource](http://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%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

## Notes

- Non-Perforated Cover

## Color

- ● Black

