

Parflex 560TJ TOUGHJACKET™ Hose 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.

Product Features:

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

Contact Information:

Parker Hannifin Corporation
Parflex Division
1300 North Freedom St.
Ravenna, OH 44266
phone (330) 296 2871
fax (330) 296 8433
www.parker.com/parflex

ENGINEERING YOUR SUCCESS.



560TJ – TOUGHJACKET™ Hydraulic Hose



Features

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

Certifications

- Meets/Exceeds SAE 100R1AT
- MSHA Accepted

Applications/Markets



- Hydraulic circuits and systems wherever 100R1AT hose is specified
- Most synthetic hydraulic fluids, water and wide range of chemicals
- Industrial equipment
- Machine Tools

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.	
#											
560TJ-3	3/16	5	0.39	10	3,625	25.0	0.75	19	.01	.11	56
560TJ-4	1/4	6	0.47	12	3,250	22.4	1.50	38	.09	.14	56
560TJ-5	5/16	8	0.53	13	3,000	20.6	1.75	44	.11	.16	56
560TJ-6	3/8	10	0.61	16	2,750	19.0	2.00	51	.14	.21	56
560TJ-8	1/2	13	0.75	19	2,500	17.2	3.00	76	.19	.29	56
560TJ-10	5/8	16	0.93	24	2,000	13.7	4.00	102	.31	.47	56
560TJ-12	3/4	19	1.04	26	1,750	12.0	4.25	108	.28	.42	56

Construction

Tube: Copolyester

Reinforcement: Single braid of high tensile steel wire

Cover: Polyurethane TOUGHJACKET™

Operating Parameters

Temperature Range:

Petroleum base hydraulic fluids and lubricating oils
-40°F to +250°F (-40°C to +121°C)

Synthetic, synthetic blend, and water/oil emulsion hydraulic fluids up to +185°F (+85°C)

Water/glycol hydraulic fluids up 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)

Fittings

56 Series

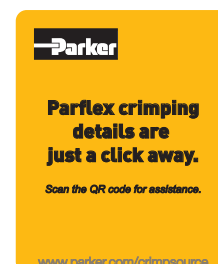
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Colors

- Black

Notes

Non-perforated cover



Label QR-crimpsource23