

# 560TJ ToughJACKET™ Hose

## Ideal for Heavy Duty Hydraulics



The 560TJ hose targets all hydraulic applications with increased requirements for durability and lifetime under tough conditions.

The ToughJACKET™ cover offers excellent resistance against

- Abrasion
- UV & Ozone
- Temperatures up to 121°C

This increases service life and reduces machine down times.

The 560TJ has been optimized to simplify design and installation. Combined with its durability and reliability it offers an overall excellent cost of ownership.

Example applications are

- Construction equipment
- Agricultural equipment
- Material handling
- Machine Tools



### Features:

#### Cover

- Excellent abrasion resistance
- Excellent UV & Ozone resistance
- Anti sticking cover
- Seawater resistant

#### Hose Characteristics

- Compact design
- Very small bend radius
- Twin & multiple lines available, small length change under pressure
- Preformed hose assemblies
- Lightweight
- Temperature range -40°C ... 121°C

### Benefits:

#### Rugged & Durable

- Long life time & reduced machine down time in critical applications and in harsh environments

- Easy to install & longer life time
- Ideal for marine environments

#### Improved Product Design & Installation

- Ideal when space is limited
- Ideal for very compact machines
- No hose tangling or abrasion between hoses, easy installation
- Optimized & individual design
- Easy handling, reduced fuel costs, increased payload
- Extended range of applications



ENGINEERING YOUR SUCCESS.

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## EXAMPLE APPLICATIONS & MARKETS:

- Construction Equipment
- Machine Tools
- Material Handling
- Agriculture Equipment

## CONSTRUCTION:

**Core Tube:** Copolyester  
**Reinforcement:** High tensile wire braid  
**Cover:** Polyurethane TOUGHJACKET™, black

## OPERATING PARAMETERS:

### Temperature Range:

Petroleum base hydraulic fluids and lubricating oils:

-40°C to +121°C (-40°F to +250°F)

Synthetic, synthetic blend, and water/oil emulsion hydraulic fluids:

up to +85°C (+185°F)

Water/glycol hydraulic fluids:

up to +57°C (+135°F)






**Vacuum Rating:** 28 inch Hg


**Change in length at Max. Working Pressure:** ± 2%

**Min. Burst Pressure:** 4x Max. Working Pressure at 23°C (73°F)

## CERTIFICATIONS:

- Meets/Exceeds SAE 100R1AT
- MSHA Accepted

Part Number #	Nominal I.D. inch mm		Maximum O.D. inch mm		Max. Working Pressure MPa psi		Min. Bend Radius inch mm		Weight lbs/ft kg/m		Permanent Fitting Series
											
560TJ-3	3/16	5	0.39	9,9	25.0	3,625	0.75	19	0.07	0.11	56
560TJ-4	1/4	6	0.47	11,9	22.4	3,250	1.50	38	0.09	0.14	56
560TJ-5	5/16	8	0.53	13,4	20.6	3,000	1.75	44	0.11	0.16	56
560TJ-6	3/8	10	0.61	15,5	19.0	2,750	2.00	51	0.14	0.21	56
560TJ-8	1/2	13	0.75	19,0	17.2	2,500	3.00	76	0.19	0.29	56
560TJ-10	5/8	16	0.93	23,6	13.7	2,000	4.00	102	0.31	0.47	56
560TJ-12	3/4	19	1.04	26,4	12.0	1,750	4.25	108	0.28	0.42	56



**Crimping details are just a click away.**

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