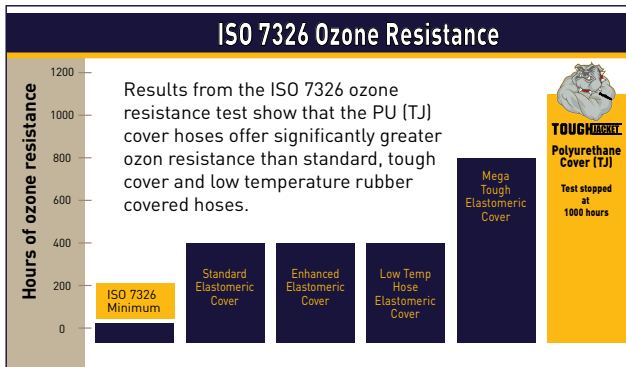


- **Light weight**
30% - 70% weight reduction
- **Abrasion resistant**
Tough, outer jacket
- **Compact O.D.**
10% - 30% reduction for easier routing
- **Lower force to flex**



Ask about our Low Temperature Hose!

Parker Hannifin Corporation
Parflex Division
 1300 North Freedom St.
 Ravenna, OH 44266

phone 330 296 2871
 fax 330 296 8433

www.parker.com/parflex

Bul. 4660-TJ-Trifold 6/23
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TOUGH JACKET™

Hydraulic Hose



ENGINEERING YOUR SUCCESS.

TOUGH JACKET™



**EXCEEDS ABRASION RESISTANCE
OF STANDARD RUBBER HOSES BY 650x**

**ALL HOSES AVAILABLE
IN TWIN-LINE CONSTRUCTIONS**

Parker **TOUGH JACKET™** hydraulic hoses feature special Parker-formulated polyurethane jackets and exceed industry requirements for abrasion resistance and durability of rubber hose by 650 times.

The 563TJ hydraulic hose series offers the best change in length characteristics at +/-1%. This makes it an ideal solution for boom or cable track applications where long lengths are required. The SAE acceptable change in length specification is +2% to -4%.

Most hoses shrink at least 2% in a constrained environment which can be disastrous for the hose and cable tracks. If 100 feet of hose is run in a boom, it must accommodate for the extra four feet of hose that will be required due to shrink or run the risk of the hose pulling the fitting off the hose or destroying the cable track.

Applications/Markets

- Medium pressure hydraulic applications
- Agricultural Equipment
- Construction Equipment
- Material Handling Equipment
- Lubricating Oil
- Excellent for over-the-sheave in lift truck



563TJ SAE 100R17 563LT SAE 100R17



Sizes - 4, 6, 8, 10, 12, 16 Temp. Range: -40°F to +250°F*
 Sizes - 4, 6, 8, 10, 12 Temp. Range: -70°F to +250°F*

- 3,045 constant psi
- Lowest length change under pressure (+/-1%). Smaller O.D. than 100R17/100R18 hoses and up to 42% lighter.

594TJ SAE 100R19



Sizes - 4, 6, 8, 10, 12
 Temp. Range: -40°F to +212°F*

- 4,061 constant psi
- Four-spiral wire hose performance in a high tensile two-wire braid construction.

590TJ



Sizes - 4, 6, 8, 12, 16
 Temp. Range: -40°F to +250°F*

- 2,000-5,000 psi
- Two-wire strength, one-wire construction for improved bend radius.

560TJ SAE 100R1AT



Sizes - 3, 4, 5, 6, 8, 10, 12
 Temp. Range: -40°F to +250°F*

- 1,750-3,600 psi
- Lighter and smaller than 100R1AT with longer lengths.

**For temperatures below -40°F
Possible alternative is 563LT**

* See Parflex Catalog 4660 for fluid details.