

594TJ – ToughJACKET™ Hose

Performance exceeds SAE 100 R19

**MAIN FEATURES**

- Excellent abrasion resistance
- **Small bend radii**
- Special pressure reinforcement construction made of steel wire/textile fibre
- **Excellent flexibility**
- **Low weight**

APPLICATIONS

High pressure service for general industrial and mobile hydraulic applications. **Especially suited for telescoping booms of telehandlers and loading cranes** – frequently used as twinline hose.

CONSTRUCTION

Core tube : Copolyester
Pressure reinforcement : High tensile wire

Cover : Polyurethane
Colour : black

TEMPERATURE RANGE

-40°C up to +100°C for petroleum based hydraulic oils, max. 57°C for synthetic hydraulic fluids and water-based hydraulic fluids.

[Visit the webpage](#)

Part No. #	DN	size	mm	inch	mm	Max. working pressure MPa / psi	Min. burst pressure MPa / psi	Min. bend radius mm	Weight kg/m	Fittings *
594TJ-8	12	-08	13.0	1/2	21.5	28.0, 4,061	112.0, 16.244	90	0.58	46/43
594TJ-10	16	-10	16.0	5/8	26.4	28.0, 4,061	112.0, 16.244	100	0.58	48/43

*For details please review HPDE fitting product range in CAT4400

NOTES

Also available as twinline or multiline hose, see page XVI.