

## 492ST

### Elite No-Skive Super Tough Compact

EN 857 1SC – ISO 11237 Type 1SC

#### Primary Applications

Mobile market: Medium pressure hydraulic applications  
with extremely high abrasion risks

#### Applicable Specifications

EN 857 1SC – ISO 11237 Type 1SC

#### Construction

Inner tube: Nitrile (NBR)  
Reinforcement: One high-tensile steel wire braid  
Cover: Synthetic rubber  
with a special polyethylene coating

Temperature Range ..... -40 °C up to +100 °C

Exception: Air ..... max. +70 °C

Water ..... max. +85 °C



- **No-Skive** hose construction  
– Compact design
- Nitrile (NBR) inner tube  
– extended fluid compatibility
- Extreme abrasion resistant  
**SUPER TOUGH** cover
- Exceeding EN/ISO specifications for pressure, bend radius and abrasion resistance

#### Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

#### Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi		
492ST-4	6	1/4	-4	6.4	12.0	28.0	4000	112.0	16240	75	0.18
492ST-5	8	5/16	-5	7.9	13.6	25.0	3625	100.0	14500	85	0.21
492ST-6	10	3/8	-6	9.5	15.5	22.5	3260	90.0	13050	90	0.25
492ST-8	12	1/2	-8	12.7	18.9	19.0	2755	76.0	11020	130	0.33
492ST-10	16	5/8	-10	15.9	22.3	15.0	2175	60.0	8700	150	0.41
492ST-12	19	3/4	-12	19.1	26.0	15.0	2175	60.0	8700	180	0.56
492ST-16	25	1	-16	25.4	33.6	11.0	1595	44.0	6380	230	0.75
492ST-20	31	1 1/4	-20	31.8	40.0	7.5	1085	30.0	4350	335	0.93

The combination of high temperature and high pressure could reduce the hose life.

#### Hose layline example

**Parker** ▶ **Elite** ◀ **SUPER TOUGH** 492ST-6 WP 22,5 MPa (3260 PSI) | • • 10 mm (3/8") ISO11237/EN857 1SC 10 Made in Italy