

# 492 / 492TC / 492ST

*Elite* **No-skive Compact**

EN 857 1SC - ISO 11237 Type 1SC

## Primary Applications

Demanding medium pressure hydraulic applications

## Type Approvals

Please refer to our website [www.parker.com/phde](http://www.parker.com/phde)

## Applicable Specifications

EN 857 1SC – ISO 11237 Type 1SC

## Construction

Inner tube: Nitrile (NBR)  
Reinforcement: One high-tensile steel wire braid  
Cover: Synthetic rubber

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
- Exceeding EN/ISO specifications for pressure, bend radius and abrasion resistance
- Also available with TC cover (MSHA and abrasion resistant) and ST cover (Superior 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.

Please refer to our main catalogues CAT/4400, CAT/4405 and CAT/4460 for more detailed information.

## Fitting Series



Medium Pressure



Standard Cover



Tough Cover

Highly abrasion resistant **TOUGH COVER**  
MSHA approved



Super Tough Cover

Extreme abrasion resistant **SUPER TOUGH** cover  
MSHA approved

Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg		
	DN	Inch	Size	mm		max. working pressure		min. burst pressure					
						MPa	psi	MPa	psi				
492-4	492TC-4	492ST-4	6	1/4	-4	6.4	11.5	28.0	4060	112.0	16240	75	0.18
492-5	492TC-5	492ST-5	8	5/16	-5	7.9	13.6	25.0	3625	100.0	14500	85	0.21
492-6	492TC-6	492ST-6	10	3/8	-6	9.5	15.5	22.5	3260	90.0	13050	90	0.25
492-8	492TC-8	492ST-8	12	1/2	-8	12.7	18.9	19.0	2755	76.0	11020	130	0.33
492-10	492TC-10	492ST-10	16	5/8	-10	15.9	22.2	15.0	2175	60.0	8700	150	0.41
492-12	492TC-12	492ST-12	19	3/4	-12	19.1	26.0	15.0	2175	60.0	8700	180	0.56
492-16	492TC-16	492ST-16	25	1	-16	25.4	33.3	11.0	1595	44.0	6380	230	0.75
	492-20-WR		31	1 1/4	-20	31.8	40.0	7.5	1085	30.0	4350	335	0.93

Part Number without a suffix: the hose cover has a smooth appearance. Part Number with a suffix (WR): the hose cover has a wrapped appearance.  
The combination of high temperature and high pressure could reduce the hose life.  
Also available on reels under part number 492-xx-RL

## Hose layline example

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