

492

Elite No-Skive Compact

EN 857 1SC – ISO 11237 Type 1SC

Primary Applications

Demanding medium pressure hydraulic applications

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

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

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		
492-4	6	1/4	-4	6.4	11.5	28.0	4060	112.0	16240	75	0.18
492-5	8	5/16	-5	7.9	13.6	25.0	3625	100.0	14500	85	0.21
492-6	10	3/8	-6	9.5	15.5	22.5	3260	90.0	13050	90	0.25
492-8	12	1/2	-8	12.7	18.9	19.0	2755	76.0	11020	130	0.33
492-10	16	5/8	-10	15.9	22.2	15.0	2175	60.0	8700	150	0.41
492-12	19	3/4	-12	19.1	26.0	15.0	2175	60.0	8700	180	0.56
492-16	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 in reels up to size -16 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**

492TC

Elite No-Skive Compact Tough Cover

EN 857 1SC – ISO 11237 Type 1SC

Primary Applications

Demanding medium pressure hydraulic applications

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

EN 857 1SC – ISO 11237 Type 1SC

Construction

Inner tube: Nitrile (NBR)
Reinforcement: One high-tensile steel wire braid
Cover: Highly abrasion resistance
MSHA approved

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
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved
- Hose is suitable for temporary immersion in mineral oil up to 70 °C with frequent inspections

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		
492TC-4	6	1/4	-4	6.4	11.5	28.0	4060	112.0	16240	75	0.18
492TC-5	8	5/16	-5	7.9	13.6	25.0	3625	100.0	14500	85	0.21
492TC-6	10	3/8	-6	9.5	15.5	22.5	3260	90.0	13050	90	0.25
492TC-8	12	1/2	-8	12.7	18.9	19.0	2755	76.0	11020	130	0.33
492TC-10	16	5/8	-10	15.9	22.2	15.0	2175	60.0	8700	150	0.41
492TC-12	19	3/4	-12	19.1	26.0	15.0	2175	60.0	8700	180	0.56
492TC-16	25	1	-16	25.4	33.3	11.0	1595	44.0	6380	230	0.75

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

Hose layline example

PARKER NO-SKIVE Tough Cover 492TC-8 WP 19,0 MPa (2755 PSI) MSHA | • • 12,7 mm (1/2) Made in Italy

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