492TC

Elite No-Skive Compact Tough Cover

EN 857 1SC – ISO 11237 Type 1SC



- *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

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

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

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Hose

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
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

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