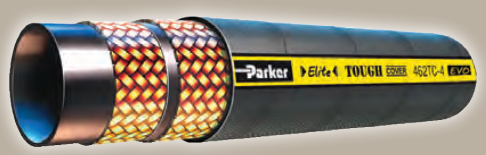
462TC

Elite No-Skive Compact Tough Cover

Exceeds EN 857-2SC – ISO 11237 Type 2SC



- *EVO* improved performance from size 4 up to 16
- *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

Primary Applications

Demanding medium pressure hydraulic applications in all markets

Type Approvals

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

Applicable Specifications

Exceed EN 857-2SC – ISO 11237 Type 2SC

Construction

Inner tube:	Nitrile (NBR)
Reinforcement:	Two high-tensile steel wire braids
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

Size -4 up to -16 — 46, 48

Size -20 up to -32 — 48

Size -40 up to -48 — **2piece 48**

	Part Number	Hose I.D. DN	Hose I.D. Inch	Hose I.D. Size	Hose I.D. mm	Hose O.D. mm	Pressure Rating: max. working pressure MPa	max. working pressure psi	min. burst pressure MPa	min. burst pressure psi	min. bend radius mm	weight kg
EVO	462TC-4	6	1/4	-4	6.4	13.4	42.5	6160	170.0	24640	50	0.30
EVO	462TC-5	8	5/16	-5	7.9	15.0	40.0	5800	160.0	23200	55	0.35
EVO	462TC-6	10	3/8	-6	9.5	17.2	35.0	5075	140.0	20300	65	0.42
EVO	462TC-8	12	1/2	-8	12.7	20.4	31.0	4495	124.0	17980	80	0.52
EVO	462TC-10	16	5/8	-10	15.9	23.9	28.0	4060	112.0	16240	100	0.66
EVO	462TC-12	19	3/4	-12	19.1	27.7	28.0	4060	112.0	16240	120	0.86
EVO	462TC-16	25	1	-16	25.4	35.4	21.0	3045	84.0	12180	150	1.17
	462TC-20 *	31	1 1/4	-20	31.8	45.1	17.2	2495	68.8	9980	335	1.80
	462TC-24 *	38	1 1/2	-24	38.1	52.0	14.6	2118	58.4	8472	400	2.20
	462TC-32 *	51	2	-32	50.8	64.0	11.2	1624	44.8	6496	500	2.90
	462TC-40 **	63	2 1/2	-40	63.5	76.0	7.0	1015	28.0	4060	760	3.00
	462TC-48 **	76	3	-48	76.2	87.5	7.0	1015	28.0	4060	760	3.30

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

* Size -20 up to -32 only with fitting series 48

** Size -40 up to -48 only with 2piece fitting series 48

Hose layline example

Parker Elite TOUGH COVER 462TC-4 EVO WP 42,5 MPa (6160 PSI) 46 44 43 MSHA IC-40/26 6,3 mm (1/4") -40°C TO +100°C -40°F TO +212°F