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



Size -20 up to -32

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	Pressure Rating max. working pressure psi	Pressure Rating min. burst pressure MPa	Pressure Rating 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



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