

462TC

Elite No-Skive Compact Tough Cover

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

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



- **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

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.				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		
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

