462ST

Elite No-Skive Super Tough Compact

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
- Extreme abrasion resistant SUPER TOUGH cover
- Exceeding EN/ISO specifications for pressure, bend radius and abrasion resistance

Primary Applications

Mobile market: Medium pressure hydraulic applications with extremely high abrasion risks

Applicable Specifications

EN 857 2SC – ISO 11237 Type 2SC

Construction

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

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



	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	462ST-4	6	1/4	-4	6.4	13.4	42.5	6160	170.0	24640	50	0.30
EVO	462ST-5	8	5/16	-5	7.9	15.0	40.0	5800	160.0	23200	55	0.35
EVO	462ST-6	10	3/8	-6	9.5	17.2	35.0	5075	140.0	20300	65	0.42
EVO	462ST-8	12	1/2	-8	12.7	20.4	31.0	4495	124.0	17980	80	0.52
EVO	462ST-10	16	5/8	-10	15.9	23.9	28.0	4060	112.0	16240	100	0.66
EVO	462ST-12	19	3/4	-12	19.1	27.7	28.0	4060	112.0	16240	120	0.86
EVO	462ST-16	25	1	-16	25.4	35.4	21.0	3045	84.0	12180	150	1.17
	462ST-20 *	31	1 1/4	-20	31.8	45.1	17.2	2495	68.8	9980	335	1.80

The combination of high temperature and high pressure could reduce the hose life.
* 462ST-20 only with fitting series 48

Hose layline example

