

462ST

Elite No-Skive Super Tough Compact

EN 857 2SC – ISO 11237 Type 2SC

Primary Applications

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

Applicable Specifications

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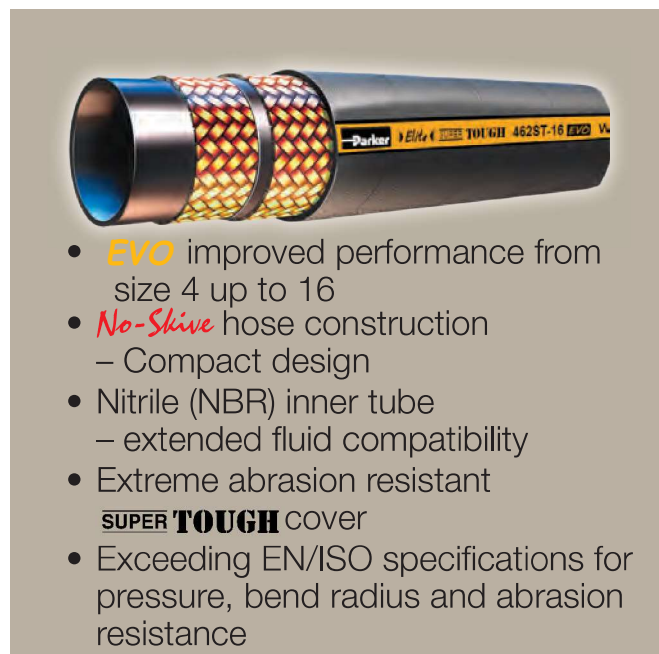
Construction

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.				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 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

