

462ST

Elite Super Tough Compact

DIN 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

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



- *No-Skive* hose construction
– Compact design
- Nitrile (NBR) inner tube
– extended fluid compatibility
- Extreme abrasion resistant
SUPER TOUGH cover

Recommended Fluids

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1.7 MPa, the hose cover must be pin-pricked.

Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** for more detailed information.

Fitting Series



Part Number						Pressure Rating					
	Hose I.D.				Hose O.D.	 max. dynamic working pressure		 min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
462ST-4	6	1/4	-4	6.3	13.4	42.5	6500	170.0	24640	75	0.30
462ST-5	8	5/16	-5	7.9	15.0	40.0	5800	160.0	23200	85	0.35
462ST-6	10	3/8	-6	9.5	17.2	35.0	5075	140.0	20000	90	0.42
462ST-8	12	1/2	-8	12.7	20.4	31.0	4450	124.0	17800	125	0.52
462ST-10	16	5/8	-10	15.9	23.9	28.0	4000	112.0	16000	160	0.66
462ST-12	20	3/4	-12	19.1	27.7	28.0	4000	112.0	16000	195	0.86
462ST-16	25	1	-16	25.4	35.4	21.0	3000	84.0	12000	250	1.17
462ST-20*	32	1.1/4	-20	31.8	43.0	17.2	2495	68.8	9980	335	1.50

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

* only with fitting series 46