

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

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



- **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

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		
462ST-4	6	1/4	-4	6.4	13.4	42.5	6160	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	20300	90	0.42
462ST-8	12	1/2	-8	12.7	20.4	31.0	4495	124.0	17980	125	0.52
462ST-10	16	5/8	-10	15.9	23.9	28.0	4060	112.0	16240	160	0.66
462ST-12	19	3/4	-12	19.1	27.7	28.0	4060	112.0	16240	195	0.86
462ST-16	25	1	-16	25.4	35.4	21.0	3045	84.0	12180	250	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

Parker Elite SUPER TOUGH 462ST-6 WP 35,0 MPa (5075 PSI) | • • 10 mm (3/8") ISO11237/EN857 2SC 10 Made