

462PU

No-Skive Compact

Polyurethane Cover

Primary Applications

For truck cranes and lifting equipment such as forklift trucks, aerial lifts, cranes, telehandlers, lifting platforms. Ideal for over-the-sheave or reel applications. The best solution for all the demanding medium pressure hydraulic applications in all markets, especially mobile and construction equipment.

Applicable Specifications

Exceed EN 857 2SC - ISO 11237 type 2SC

Construction

Inner tube: Nitrile (NBR)
Reinforcement: Two high-tensile steel wire braids
Cover: Premium-quality polyurethane

Temperature Range -50 °C up to +100 °C

Exception: Air max. +70 °C

Water max. +85 °C



- **No-Skive** hose construction – Compact design
- High abrasion and shock resistance
- High flexibility even at cold conditions
- High ozone-, UV-, weathering and seawater resistance
- Extended fluid compatibility
- Exceeding EN/ISO specifications

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



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		
462PU-4	6	1/4	-4	6,4	13,4	42,5	6160	170,0	24640	75	0,30
462PU-5	8	5/16	-5	7,9	15,0	40,0	5800	160,0	23200	85	0,35
462PU-6	10	3/8	-6	9,5	17,2	35,0	5075	140,0	20300	90	0,42
462PU-8	12	1/2	-8	12,7	20,4	31,0	4495	124,0	17980	130	0,52
462PU-10	16	5/8	-10	15,9	23,9	28,0	4060	112,0	16240	160	0,66

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

Hose layline example

PARKER ELITE 462PU-8 WP 31,0 MPa (4495 psi) | • • 12,5 mm (1/2 ")