

## 462PU-No-Skive

Compact hose with 2 steel wire braids as single or twin hose

### Main 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

Exceeds EN 857 2SC - ISO 11237 type 2SC

### Hose construction

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

Temperature range ..... -50 °C to +100 °C

Exceptions: Air ..... up to +70 °C  
 Water ..... up to +85 °C



- No-Skive hose construction
- 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 media

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. For further information, please refer to "Chemical Resistance" in Catalogue C4400, pages **Ab-24 to Ab-32**.

### 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		
<b>Single hose</b>											
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
<b>Twin hose</b>											
462PU-4-4	6	1/4	4	6.4	28.2	42.5	6160	170.0	24640	75	0.60
462PU-5-5	8	5/16	5	7.9	32.5	40.0	5800	160.0	23200	85	0.70
462PU-6-6	10	3/8	6	9.5	35.0	35.0	5075	140.0	20300	90	0.85
462PU-8-8	12	1/2	8	12.7	41.5	31.0	4495	124.0	17980	130	1.00
462PU-10-10	16	5/8	10	15.9	48.7	28.0	4060	112.0	16240	160	1.35

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

Hose layline (examples for single and twin hose)

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