

462

Elite Compact

EN 857 2SC – ISO11237 Type 2SC

Primary Applications

Demanding medium pressure hydraulic applications in all markets

Type Approvals

Details please find on pages **Ab-14** and **Ab-15**

Applicable Specifications

EN 857 2SC – ISO11237 Type 2SC

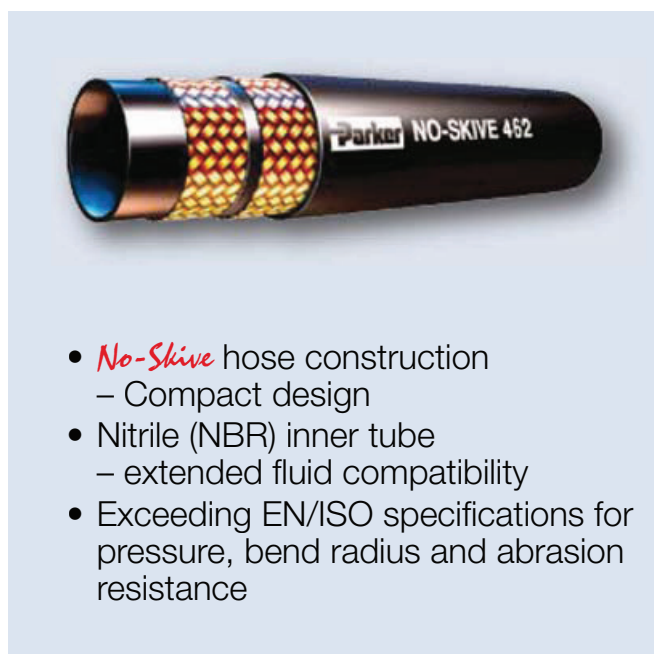
Construction

Tube: Nitrile (NBR)
Reinforcement: Two high tensile steel wire braids
Cover: Synthetic rubber

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
- Exceeding EN/ISO specifications for pressure, bend radius and abrasion resistance

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	 Hose I.D.				 Hose O.D.	Pressure Rating				 min. bend radius	 weight
						 max. dynamic working pressure		 min. burst pressure			
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
462-4	6	1/4	-4	6.3	13.4	42.5	6160	170.0	24640	75	0.30
462-5	8	5/16	-5	7.9	15.0	40.0	5800	160.0	23200	85	0.35
462-6	10	3/8	-6	9.5	17.2	35.0	5075	140.0	20300	90	0.42
462-8	12	1/2	-8	12.7	20.4	31.0	4495	124.0	17980	130	0.52
462-10	16	5/8	-10	15.9	23.9	28.0	4060	112.0	16240	160	0.66
462-12	20	3/4	-12	19.1	27.7	28.0	4060	112.0	16240	195	0.86
462-16	25	1	-16	25.4	35.4	21.0	3045	84.0	12180	250	1.17
462-4-WR	6	1/4	-4	6.3	13.4	42.5	6160	170.0	24640	75	0.30
462-5-WR	8	5/16	-5	7.9	15.0	40.0	5800	160.0	23200	85	0.35
462-6-WR	10	3/8	-6	9.5	17.2	35.0	5075	140.0	20300	90	0.42
462-8-WR	12	1/2	-8	12.7	20.4	31.0	4495	124.0	17980	130	0.52
462-10-WR	16	5/8	-10	15.9	23.9	28.0	4060	112.0	16240	160	0.66
462-12-WR	20	3/4	-12	19.1	27.7	28.0	4060	112.0	16240	195	0.86
462-16-WR	25	1	-16	25.4	35.4	21.0	3045	84.0	12180	250	1.17
462-20-WR*	32	1-1/4	-20	31.8	43.0	17.2	2495	68.8	9980	335	1.50

Part Number without a suffix: the hose cover has a smooth appearance. Part Number with a suffix (WR): the hose cover has a wrapped appearance.

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

Also available on reels under part number 462-xx-RL

* only with fitting series 46