

462

Elite No-Skive Compact

Exceeds EN 857-2SC - ISO 11237 Type 2SC

Primary Applications

Demanding medium pressure hydraulic applications in all markets

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

Exceed EN 857-2SC – ISO 11237 Type 2SC

Construction

- Inner 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



- **EVO** improved performance from size 4 up to 16
- **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

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. | | Pressure Rating | | | | min. bend radius | weight |
|-------------------|-----------|-------|------|------|-----------|-----------------------|-----------------|---------------------|-------|-----|------------------|--------|
| | DN | Inch | Size | mm | mm | max. working pressure | | min. burst pressure | | | | |
| | | | | | | MPa | psi | MPa | psi | | | |
| EVO 462-4 | 6 | 1/4 | -4 | 6.4 | 13.4 | 42.5 | 6160 | 170.0 | 24640 | 50 | 0.30 | |
| EVO 462-5 | 8 | 5/16 | -5 | 7.9 | 15.0 | 40.0 | 5800 | 160.0 | 23200 | 55 | 0.35 | |
| EVO 462-6 | 10 | 3/8 | -6 | 9.5 | 17.2 | 35.0 | 5075 | 140.0 | 20300 | 65 | 0.42 | |
| EVO 462-8 | 12 | 1/2 | -8 | 12.7 | 20.4 | 31.0 | 4495 | 124.0 | 17980 | 80 | 0.52 | |
| EVO 462-10 | 16 | 5/8 | -10 | 15.9 | 23.9 | 28.0 | 4060 | 112.0 | 16240 | 100 | 0.66 | |
| EVO 462-12 | 19 | 3/4 | -12 | 19.1 | 27.7 | 28.0 | 4060 | 112.0 | 16240 | 120 | 0.86 | |
| EVO 462-16 | 25 | 1 | -16 | 25.4 | 35.4 | 21.0 | 3045 | 84.0 | 12180 | 150 | 1.17 | |
| 462-20 | 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.
From size -4 to -16, smooth cover, 462-20 wrapped cover
Also available in reels up to size -12 under part number 462-xx-RL

Hose layline example

