

Medium Pressure  
High abrasion resistance

Parkrimp No-Skive Hose  
462TC

## 462TC

*Elite No-Skive* Compact Tough Cover

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: Highly abrasion resistance  
MSHA approved

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
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved
- Hose is suitable for immersion in mineral oil up to 70 °C with frequent inspections

### 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 up to -32

Size -40 up to -48



|     | Part Number | <br>Hose I.D. |       |      |      | <br>Hose O.D. | Pressure Rating                                                                                              |      |                                                                                                              |       | <br>min. bend radius | <br>weight |
|-----|-------------|--------------------------------------------------------------------------------------------------|-------|------|------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|     |             | DN                                                                                               | Inch  | Size | mm   |                                                                                                  | <br>max. working pressure |      | <br>min. burst pressure |       |                                                                                                           |                                                                                                 |
|     |             |                                                                                                  |       |      |      |                                                                                                  | MPa                                                                                                          | psi  | MPa                                                                                                          | psi   |                                                                                                           |                                                                                                 |
| EVO | 462TC-4     | 6                                                                                                | 1/4   | -4   | 6.4  | 13.4                                                                                             | 42.5                                                                                                         | 6160 | 170.0                                                                                                        | 24640 | 50                                                                                                        | 0.30                                                                                            |
| EVO | 462TC-5     | 8                                                                                                | 5/16  | -5   | 7.9  | 15.0                                                                                             | 40.0                                                                                                         | 5800 | 160.0                                                                                                        | 23200 | 55                                                                                                        | 0.35                                                                                            |
| EVO | 462TC-6     | 10                                                                                               | 3/8   | -6   | 9.5  | 17.2                                                                                             | 35.0                                                                                                         | 5075 | 140.0                                                                                                        | 20300 | 65                                                                                                        | 0.42                                                                                            |
| EVO | 462TC-8     | 12                                                                                               | 1/2   | -8   | 12.7 | 20.4                                                                                             | 31.0                                                                                                         | 4495 | 124.0                                                                                                        | 17980 | 80                                                                                                        | 0.52                                                                                            |
| EVO | 462TC-10    | 16                                                                                               | 5/8   | -10  | 15.9 | 23.9                                                                                             | 28.0                                                                                                         | 4060 | 112.0                                                                                                        | 16240 | 100                                                                                                       | 0.66                                                                                            |
| EVO | 462TC-12    | 19                                                                                               | 3/4   | -12  | 19.1 | 27.7                                                                                             | 28.0                                                                                                         | 4060 | 112.0                                                                                                        | 16240 | 120                                                                                                       | 0.86                                                                                            |
| EVO | 462TC-16    | 25                                                                                               | 1     | -16  | 25.4 | 35.4                                                                                             | 21.0                                                                                                         | 3045 | 84.0                                                                                                         | 12180 | 150                                                                                                       | 1.17                                                                                            |
|     | 462TC-20 *  | 31                                                                                               | 1 1/4 | -20  | 31.8 | 45.1                                                                                             | 17.2                                                                                                         | 2495 | 68.8                                                                                                         | 9980  | 335                                                                                                       | 1.80                                                                                            |
|     | 462TC-24 *  | 38                                                                                               | 1 1/2 | -24  | 38.1 | 52.0                                                                                             | 14.6                                                                                                         | 2118 | 58.4                                                                                                         | 8472  | 400                                                                                                       | 2.20                                                                                            |
|     | 462TC-32 *  | 51                                                                                               | 2     | -32  | 50.8 | 64.0                                                                                             | 11.2                                                                                                         | 1624 | 44.8                                                                                                         | 6496  | 500                                                                                                       | 2.90                                                                                            |
|     | 462TC-40 ** | 63                                                                                               | 2 1/2 | -40  | 63.5 | 76.0                                                                                             | 7.0                                                                                                          | 1015 | 28.0                                                                                                         | 4060  | 760                                                                                                       | 3.00                                                                                            |
|     | 462TC-48 ** | 76                                                                                               | 3     | -48  | 76.2 | 87.5                                                                                             | 7.0                                                                                                          | 1015 | 28.0                                                                                                         | 4060  | 760                                                                                                       | 3.30                                                                                            |

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

\* Size -20 up to -32 only with fitting series 48

\*\* Size -40 up to -48 only with 2-piece fitting series 48

### Hose layline example

