# 461LT

## *Elite No-Skive* Compact

EN 857 2SC low temperature




- *No-Skive* thin cover hose construction
- Excellent ozone resistance
- Ideal for low temperature working conditions (-50 °C)

## Primary Applications

Mobile applications in low temperature environments: Forestry machines, refrigerated warehouses

## Applicable Specifications

EN 857 2SC

## Construction

Tube: Synthetic rubber
Reinforcement: Two high-tensile steel wire braids
Cover: Synthetic rubber

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

Exception: Air ..... max. +70 °C
Water ..... max. +85 °C

## 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: max. working pressure | | Pressure Rating: min. burst pressure | | min. bend radius | weight |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | DN | Inch | Size | mm | mm | MPa | psi | MPa | psi | mm | kg |
| 461LT-4 | 6 | 1/4 | -4 | 6.4 | 13 | 42.5 | 6160 | 170.0 | 24640 | 75 | 0.30 |
| 461LT-5 | 8 | 5/16 | -5 | 7.9 | 15 | 40.0 | 5800 | 160.0 | 23200 | 85 | 0.35 |
| 461LT-6 | 10 | 3/8 | -6 | 9.5 | 17 | 35.0 | 5075 | 140.0 | 20300 | 90 | 0.42 |
| 461LT-8 | 12 | 1/2 | -8 | 12.7 | 21 | 31.0 | 4495 | 124.0 | 17980 | 130 | 0.52 |
| 461LT-10 | 16 | 5/8 | -10 | 15.9 | 24 | 28.0 | 4060 | 112.0 | 16240 | 160 | 0.66 |
| 461LT-12 | 19 | 3/4 | -12 | 19.1 | 28 | 28.0 | 4060 | 112.0 | 16240 | 195 | 0.86 |
| 461LT-16 | 25 | 1 | -16 | 25.4 | 35 | 21.0 | 3045 | 84.0 | 12180 | 250 | 1.17 |

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

## Hose layline example






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