# 477

## *Elite No-Skive* PowerLift

2 wire braided




- *No-Skive* hose construction – Compact design
- Tested at 120 % of the maximum working pressure at 400,000 impulses
- Smaller bend radius and reduced outside diameter bringing a significant advantage in terms of space and weight on compact equipment

### Primary Applications

For truck cranes and lifting equipment such as fork lift trucks, aerial lifts, cranes, telehandlers, lifting platforms.

### Restrictions

Should not be used for high impulse hydraulic applications to replace spiral construction hoses.

### 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

### 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 |
| 477-4 | 6 | 1/4 | -4 | 6.4 | 13.1 | 45.0 | 6500 | 180.0 | 26000 | 65 | 0.32 |
| 477-5 | 8 | 5/16 | -5 | 7.9 | 14.9 | 42.5 | 6100 | 170.0 | 24400 | 70 | 0.35 |
| 477-6 | 10 | 3/8 | -6 | 9.5 | 17.2 | 40.0 | 5800 | 160.0 | 23200 | 75 | 0.42 |
| 477-8 | 12 | 1/2 | -8 | 12.7 | 20.4 | 38.0 | 5500 | 152.0 | 22000 | 105 | 0.55 |
| 477-10 | 16 | 5/8 | -10 | 15.9 | 23.4 | 35.0 | 5000 | 140.0 | 20000 | 160 | 0.65 |
| 477-12 | 19 | 3/4 | -12 | 19.1 | 27.2 | 35.0 | 5000 | 140.0 | 20000 | 200 | 1.10 |
| 477-16 | 25 | 1 | -16 | 25.4 | 34.8 | 25.0 | 3600 | 100.0 | 14400 | 250 | 1.30 |

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

Hose layline example






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