# H31

## ParLock Multispiral

Exceeds ISO 3862 Type 4SP –
EN 856 Type 4SP




- Interlock technology
- Reinforcement of four high tensile steel wires

### Primary Applications

General high pressure hydraulic applications

### Type Approvals

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

### Applicable Specifications

Exceeds ISO 3862 Type 4SP – EN 856 Type 4SP

### Construction

Inner Tube: Synthetic rubber
Reinforcement: Four spirals high-tensile steel wire
Cover: Synthetic rubber

### Temperature Range ..... -40 °C up to +100 °C

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

### 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

External skiving (size -4 up to -8) VS
Internal and external skiving (size -10 up to -16) V4

| 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 |
| H31-4 | 6 | 1/4 | -4 | 6.4 | 17.8 | 50.0 | 7250 | 200.0 | 29000 | 120 | 0.73 |
| H31-6 | 10 | 3/8 | -6 | 9.5 | 21.4 | 44.5 | 6450 | 178.0 | 25800 | 130 | 0.91 |
| H31-8 | 12 | 1/2 | -8 | 12.7 | 24.6 | 41.5 | 6000 | 166.0 | 24000 | 180 | 1.08 |
| H31-10 | 16 | 5/8 | -10 | 15.9 | 28.5 | 39.0 | 5650 | 156.0 | 22600 | 225 | 1.39 |
| H31-12 | 19 | 3/4 | -12 | 19.1 | 32.0 | 35.0 | 5000 | 140.0 | 20300 | 280 | 1.73 |
| H31-16 | 25 | 1 | -16 | 25.4 | 39.7 | 31.0 | 4500 | 124.0 | 18000 | 355 | 2.31 |

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

ParLock Hose

Hose layline example






Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark