

Hose and Fittings for Hydraulic and Industrial Applications
515H

515H – Compact pilot line hose

Performance exceeds SAE 100 R3



MAIN FEATURES

- **Very small bend radii**
- High abrasion resistance
- Compact and **very small hose outer diameters**
- Working pressures up to 15 MPa

APPLICATIONS









- Medium pressure service for use with petroleum, synthetic or water-based hydraulic fluids
- When a hose with **very small outer diameter** is required
- **Pilot lines** in hydraulic systems

CONSTRUCTION

Core tube : Polyester elastomer
Pressure reinforcement : One braided layer of high tensile synthetic fibre
Cover : Polyurethane, pinpricked
Colour : black

TEMPERATURE RANGE

-40°C up to +100°C for petroleum, max. 57°C for synthetic hydraulic fluids and water-based hydraulic fluids.

| Part No. # | DN | size | mm | inch | mm | Max. working pressure MPa / psi | Min. burst pressure MPa / psi | Min. bend radius mm | Weight kg/m | Fittings |
|---------------|----|---|---|------|---|---|---|---|--|---|
| | |  |  | |  |  |  |  |  |  |
| 515H-3 | 5 | -03 | 4.8 | 3/16 | 8.3 | 15.0 2,175 | 60.0 8,700 | 19 | 0.04 | 54 |
| 515H-4 | 6 | -04 | 6.3 | 1/4 | 10.3 | 14.0 2,000 | 56.0 8,000 | 38 | 0.07 | 54 |
| 515H-5 | 8 | -05 | 7.9 | 5/16 | 12.2 | 12.0 1,750 | 48.0 7,000 | 43 | 0.08 | 54 |
| 515H-6 | 10 | -06 | 9.5 | 3/8 | 14.0 | 10.0 1,500 | 40.0 6,000 | 51 | 0.09 | 54 |

NOTES

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