

580N – Standard hydraulic hose

Performance exceeds SAE 100 R8 /
ISO 3949 Type R8 / DIN EN 855 Type R8



MAIN FEATURES

- Excellent abrasion resistance
- Small bend radii
- Low weight
- Excellent chemical resistance due to polyamide core tube

APPLICATIONS

High pressure service for general industrial and mobile hydraulic applications as well as with gases. Usable for a wide variety of fluids due to the polyamide core tube.

CONSTRUCTION

Core tube : Polyamide
Pressure reinforcement : Multiple braided layers of high tensile synthetic fibre
Cover : Polyurethane, pinpricked
Colour : black

TEMPERATURE RANGE

-40°C up to +100°C for petroleum or synthetic hydraulic fluids.

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| 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 |
|-------------------|----|------|------|------|------|------------------------------------|-------|----------------------------------|--------|------------------------|----------------|----------|
| | | | | | | | | | | | | |
| 580N-8 | 12 | -08 | 12.5 | 1/2 | 23.0 | 24.0 | 3,500 | 96.0 | 14,000 | 102 | 0.31 | 56 |
| 580N-10 | 16 | -10 | 15.9 | 5/8 | 24.9 | 19.0 | 2,750 | 76.0 | 11,000 | 152 | 0.32 | 56 |
| 580N-12 | 20 | -12 | 19.1 | 3/4 | 29.5 | 15.5 | 2,250 | 62.0 | 9,000 | 203 | 0.35 | 56 |
| 580N-16 | 25 | -16 | 25.4 | 1 | 37.6 | 14.0 | 2,000 | 56.0 | 8,000 | 254 | 0.56 | 56 |

NOTES

Also available as twinline or multiline hose, see page XVI.