

## 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.

[Visit the webpage](#)

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.