588N – Electrically non-conductive hose

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



Main features

- **Electrically non-conductive**
- Very small hose outer diameters
- 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, where a non-conductive hose is required.

Construction

Core tube : Polyamide
Pressure reinforcement : Two braided layers of high tensile synthetic fibre

Cover : Polyurethane
Colour : orange

Temperature range

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

Part No. #	DN	size mm		size inch	mm	Max. working pressure MPa / psi		Min. burst pressure MPa / psi		Min. bend radius mm	Weight kg/m	Fittings
588N-8	12	-08	12.7	1/2	23.0	24.0	3,500	96.0	14,000	102	0.31	56
588N-10	16	-10	15.9	5/8	24.9	19.0	2,750	76.0	11,000	152	0.32	56
588N-12	20	-12	19.1	3/4	29.5	15.5	2,250	62.0	9,000	203	0.35	56
588N-16	25	-16	25.4	1	37.6	14.0	2,000	56.0	8,000	254	0.56	56

Notes

Electrically non-conductive acc. to SAE J517 (less than 50 µA leakage under 250,000 Volts per meter).