

**528N – 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** : One braided layer of high tensile aramide fibre

**Cover** : Polyurethane, not pinpricked  
**Colour** : orange

**TEMPERATURE RANGE**

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

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Part No. <b>#</b>	DN size				mm	Max. working pressure		Min. burst pressure		Min. bend radius	Weight	Fittings
	mm	inch	mm	MPa / psi		MPa / psi	mm	kg/m				
528N-3	5	-03	4.8	3/16	10.6	34.5	5,000	138.0	20,000	38	0.07	56
528N-4	6	-04	6.3	1/4	12.7	34.5	5,000	138.0	20,000	51	0.10	56
528N-5	8	-05	7.9	5/16	14.5	31.0	4,500	124.0	18,000	64	0.12	56
528N-6	10	-06	9.5	3/8	16.1	27.5	4,000	110.0	16,000	64	0.13	56
528N-8	12	-08	12.7	1/2	20.4	24.0	3,500	96.0	14,000	102	0.20	56

**NOTES**

- Electrically non-conductive acc. to SAE J517 (less than 50 µA leakage under 250,000 Volts per meter).
- Not recommended for forklift boom applications.