540N – Medium pressure hose

Performance exceeds SAE 100 R7 /
ISO 3949 Type R7 / DIN EN 855 Type R7



Main features

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

Applications

Medium pressure service for general industrial and mobile hydraulic applications, especially when an improved chemical resistance is required with some hydraulic/chemical fluids.

Construction

Core tube : Polyamide
Pressure reinforcement : One braided layer of high tensile synthetic fibre

Cover : Polyurethane, pinpricked
Colour : black

Temperature range

-40°C up to +100°C

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
540N-2	3	-02	3.2	1/8	8.4	21.0	3,000	83.0	12,000	13	0.05	56
540N-3	5	-03	4.8	3/16	10.7	21.0	3,000	83.0	12,000	19	0.08	56
540N-4	6	-04	6.3	1/4	12.6	19.0	2,750	76.0	11,000	38	0.10	56
540N-5	8	-05	7.9	5/16	14.6	17.5	2,500	69.0	10,000	44	0.12	56
540N-6	10	-06	9.5	3/8	16.4	15.5	2,250	62.0	9,000	51	0.14	56
540N-8	12	-08	12.7	1/2	20.1	14.0	2,000	56.0	8,000	76	0.21	56
540N-12	20	-12	19.1	3/4	26.5	8.5	1,250	34.5	5,000	152	0.25	56

Notes

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

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