550H – Standard hydraulic 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
- High flexibility

APPLICATIONS

Medium pressure service for general industrial and mobile hydraulic applications such as

- Construction and agricultural machinery
- Material conveying systems/lifting devices
- Machine tools

CONSTRUCTION

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

Cover : Polyurethane, pinpricked
Colour : black

TEMPERATURE RANGE

-40°C up to +100°C for petroleum, max. 57°C for synthetic hydraulic fluids and water-based hydraulic fluids.

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
550H-3	5	-03	4.8	3/16	10.7	22.5	3,250	90.0	13,000	19	0.08	56
550H-4	6	-04	6.3	1/4	12.6	21.0	3,000	83.0	12,000	32	0.10	56
550H-5	8	-05	7.9	5/16	14.3	17.5	2,500	69.0	10,000	44	0.13	56
550H-6	10	-06	9.5	3/8	16.3	15.5	2,250	62.0	9,000	51	0.14	56
550H-8	12	-08	12.7	1/2	20.3	14.0	2,000	56.0	8,000	76	0.21	56
550H-10	16	-10	15.9	5/8	24.5	10.0	1,500	40.0	6,000	102	0.30	56
550H-12	20	-12	19.1	3/4	27.4	8.5	1,250	34.5	5,000	127	0.31	56
550H-16	25	-16	25.4	1	33.3	7.0	1,000	27.5	4,000	203	0.40	56

NOTES

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