55LT – Low temperature hose

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



MAIN FEATURES

- **Ideal for low temperature applications**
- **High abrasion resistance**
- Small bend radii
- Low weight

APPLICATIONS

Medium pressure service for general industrial and mobile hydraulic applications, especially for systems **working at very low temperatures**, e.g.:

- Fork lifts in cold storage houses,
- Construction and agricultural machinery operating in climatic regions with lower temperatures.

CONSTRUCTION

Core tube : Polyester elastomer, except -02: polyamide
Pressure reinforcement : Two braided layers of high tensile sythetic fibre

Cover : Special polyester, pinpricked
Colour : black

TEMPERATURE RANGE

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

Part No. #	DN	size mm	size inch	mm	Max. working pressure MPa	Max. working pressure psi	Min. burst pressure MPa	Min. burst pressure psi	Min. bend radius mm	Weight kg/m	Fittings
55LT-2	3	-02	3.2	1/8	8.6	21.0	3,000	79.0	11,500	13	0.05	56
55LT-3	5	-03	4.8	3/16	10.9	22.5	3,250	90.0	13,000	19	0.08	56
55LT-4	6	-04	6.3	1/4	13.0	21.0	3,000	83.0	12,000	32	0.10	56
55LT-5	8	-05	7.9	5/16	14.3	17.5	2,500	69.0	10,000	44	0.13	56
55LT-6	10	-06	9.5	3/8	16.3	15.5	2,250	62.0	9,000	51	0.14	56
55LT-8	12	-08	12.7	1/2	20.3	14.0	2,000	56.0	8,000	76	0.21	56

NOTES

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