53DM – Low temperature hose

Same working pressure for all sizes
Performance exceeds SAE 100 R18 / ISO 3949 Type R18



MAIN FEATURES

- **Working pressure 21 MPa for all sizes**
- **Perfect solution for low temperature applications with dynamic movements**
- **High abrasion resistance**
- Small bend radii
- Very 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
Pressure reinforcement : One or two braided layers of high tensile synthetic 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		inch	mm	Max. working pressure MPa / psi		Min. burst pressure MPa / psi		Min. bend radius mm	Weight kg/m	Fittings
53DM-6	10	-06	10.0	3/8	17.0	21.0	3,000	84.0	12,000	51	0.16	56
53DM-8	12	-08	12.5	1/2	21.0	21.0	3,000	84.0	12,000	89	0.26	56
53DM-10	16	-10	16.0	5/8	26.0	21.0	3,000	84.0	12,000	102	0.33	56

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

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