

MH700 (R7)

Thermoplastic high pressure hose

STANDARD SAE 100 R 7**TEMPERATURE** -40 °C to 93 °C**WORKING PRESSURE** up to 215 bar

Application:	Medium high pressure systems, Forklift trucks, Lubrication line
Special features:	High ozone and abrasion resistance, no swelling or brittleness when used with solvents or alkaline media, very good reverse bending fatigue strength, slight volumetric expansion
Standard:	SAE 100 R 7
Inner layer:	Polyester elastomer
Insert:	Two high tensile polyester braided inserts
Outer layer:	Polyurethane
Colour:	Black
Temp. min:	-40 °C
Temp. max:	93 °C
Elongation:	+3 % to -3 %
Media:	Mineral oil, ASTM1, ASTM3, Polyglycol based oil, Synthetic oils, Water (0 °C to +60 °C), Water-oil emulsions (up to 60 °C)

Note: The change in length of the hose is determined at max. working pressure during testing to EN ISO 1402.

Identification	DN*	Size	Inches	Internal Ø mm	External Ø mm	Working pressure bar	Burst pressure bar	Min. bending radius mm
MH703	5	3	3/16"	5	9.7	210	840	75
MH704	6	4	1/4"	6	12.1	215	860	100
MH705	8	5	5/16"	8	13.8	190	760	115
MH706	10	6	3/8"	10	16.1	160	640	125
MH708	12	8	1/2"	12	19.4	140	560	175

DN = Nominal diameter, nominal width