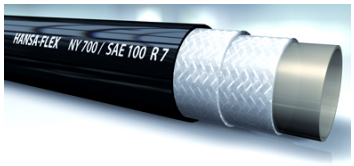
NY 700 (R7)

Thermoplastic high pressure hose

Properties

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.

Item

Identification	DN*	Size	Inches	Internal Ø (mm)	External Ø (mm)	Operating pressure (bar)	Burst pressure (bar)	Min. bending radius (mm)
NY 704	5	3	3/16"	5,0	9,6	210,0	840	25
NY 706	6	4	1/4"	6,5	12,2	210,0	840	35
NY 708	8	5	5/16"	8,1	14,3	190,0	760	45
NY 710	10	6	3/8"	9,7	16,0	160,0	640	55
NY 713	12	8	1/2"	13,0	20,3	140,0	560	95

DN = Nominal diameter, nominal width

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.