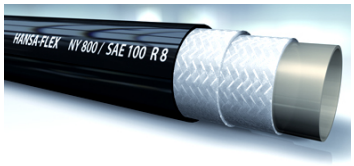
NY 800 (R8)

Thermoplastic high pressure hose

Properties

Application	High pressure circuits general application
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 8, BS 4983, ISO 3949
Inner layer	Polyester elastomer
Insert	one aramide braided insert
Outer layer	Polyurethane
Colour	black
Temp. min.	-40 °C
Temp. max.	100 °C
Elongation	+ 3 % to - 3 %
Media	Mineral oil Applications with gaseous or chemical media 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 804	5	3	3/16"	5,0	8,9	350,0	1400	30
NY 806	6	4	1/4"	6,5	11,5	350,0	1400	50
NY 808	8	5	5/16"	8,1	13,4	300,0	1200	55
NY 810	10	6	3/8"	9,7	15,5	280,0	1120	60
NY 813	12	8	1/2"	13,0	19,9	245,0	980	80
NY 820	19	12	3/4"	19,5	26,9	165,0	660	150
NY 825	25	16	1"	25,9	34,2	140,0	560	200

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.