

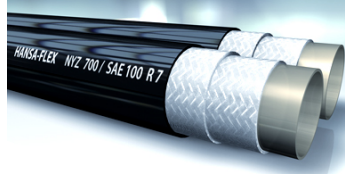
# NYZ 700 (R7)

Thermoplastic high pressure twin hose

**HANSA FLEX**

## Properties

<b>Application</b>	medium high pressure systems Forklift trucks Lubrication line
<b>Special features</b>	high ozone and abrasion resistance no swelling or brittleness when used with solvents or alkaline media Twin hose very good reverse bending fatigue strength slight volumetric expansion
<b>Standard</b>	SAE 100 R 7
<b>Inner layer</b>	NW 4 - 13: Polyester elastomer; from NW 16: Polyamide
<b>Insert</b>	two high tensile polyester braided inserts
<b>Outer layer</b>	Polyurethane
<b>Colour</b>	black
<b>Temp. min.</b>	-40 °C
<b>Temp. max.</b>	100 °C
<b>Elongation</b>	+ 3 % to - 3 %
<b>Media</b>	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)
NYZ 704	5	3	3/16"	5,0	9,6	210,0	840	25
NYZ 706	6	4	1/4"	6,5	12,2	210,0	840	35
NYZ 708	8	5	5/16"	8,1	14,3	190,0	760	45
NYZ 710	10	6	3/8"	9,7	16,0	160,0	640	55
NYZ 713	12	8	1/2"	13,0	20,3	140,0	560	95

DN = Nominal diameter, nominal width