

# NYZ 800 (R8)

Thermoplastic high pressure twin hose

**HANSA FLEX**

## Properties

<b>Application</b>	High pressure circuits general application
<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 8, BS 4983, ISO 3949
<b>Inner layer</b>	Polyester elastomer
<b>Insert</b>	one aramide braided insert
<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 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)
NYZ 804	5	3	3/16"	5,0	8,9	350,0	1400	30
NYZ 806	6	4	1/4"	6,5	11,5	350,0	1400	50
NYZ 808	8	5	5/16"	8,1	13,4	300,0	1200	55
NYZ 810	10	6	3/8"	9,7	15,5	280,0	1120	60
NYZ 813	12	8	1/2"	13,0	19,9	245,0	960	80

DN = Nominal diameter, nominal width