

# NYZ 100

Thermoplastic high pressure twin hose

**HANSA-FLEX**

## Properties

<b>Application</b>	medium high pressure circuits High pressure lubrication lines Agricultural machines Forklift trucks
<b>Special features</b>	high ozone and abrasion resistance good chemical resistance low volumetric expansion
<b>Inner layer</b>	Polyester elastomer
<b>Insert</b>	one high tensile steel wire 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>	+ 2 % to - 4 %
<b>Media</b>	Mineral oil Polyglycol based oil 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 104	5	3	3/16"	5	9,3	300,0	1200	25
NYZ 106	6	4	1/4"	6	11,5	300,0	1200	35
NYZ 108	8	5	5/16"	8	13,3	225,0	900	40
NYZ 110	10	6	3/8"	10	15,0	225,0	900	60
NYZ 113	12	8	1/2"	12	18,3	180,0	655	70

DN = Nominal diameter, nominal width