

# NY 100

## Thermoplastic high pressure hose



### 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)
NY 104	5	3	3/16"	5,0	9,3	300,0	1200	25
NY 106	6	4	1/4"	6,0	11,5	300,0	1200	35
NY 108	8	5	5/16"	8,0	13,3	225,0	900	40
NY 110	10	6	3/8"	10,0	15,0	225,0	900	60
NY 113	12	8	1/2"	12,0	18,3	180,0	655	70
NY 116	16	10	5/8"	16,0	21,6	140,0	540	110
NY 120	19	12	3/4"	19,4	26,7	125,0	500	170
NY 125	25	16	1"	25,0	33,5	100,0	400	230

DN = Nominal diameter, nominal width