

| Properties | |
|------------------|--|
| Application | medium high pressure circuits High pressure lubrication lines Agricultural machines Forklift trucks |
| Special features | high ozone and abrasion resistance good chemical resistance low volumetric expansion |
| Inner layer | Polyester elastomer |
| Insert | one high tensile steel wire braided insert |
| Outer layer | Polyurethane |
| Colour | black |
| Temp. min. | -40 °C |
| Temp. max. | 100 °C |
| Elongation | + 2 % to - 4 % |
| Media | 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 | External Ø | Operating pressure (bar) | Burst pressure (bar) | Min. bending radius |
| 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