

NY 500

Thermoplastic high pressure hose

HANSA FLEX

Properties

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|--------------------|--|
| Application | chemical industries |
| Inner layer | Polyamide (PA) |
| Insert | one or two textile layers of aramide-fiber and a steel wire braided insert |
| Outer layer | Polyurethane |
| Colour | black |
| Temp. min. | -40 °C |
| Temp. max. | 100 °C |
| Temp. range | limited to +70°C for air and water based fluids |
| Media | Solvents |



Additional information

Safety: 4 : 1

Item

| Identification | DN* | Size | Inches | Internal Ø (mm) | External Ø (mm) | Operating pressure (bar) | Burst pressure (bar) | Min. bending radius (mm) |
|----------------|-----|------|--------|--------------------|--------------------|-----------------------------|-------------------------|-----------------------------|
| NY 506 | 6 | 4 | 1/4" | 6,6 | 12,7 | 700,0 | 2800 | 35 |
| NY 508 | 8 | 5 | 5/16" | 8,1 | 16,0 | 700,0 | 2800 | 60 |
| NY 510 | 10 | 6 | 3/8" | 9,8 | 18,7 | 700,0 | 2800 | 90 |
| NY 513 | 12 | 8 | 1/2" | 13,0 | 23,2 | 590,0 | 2360 | 100 |
| NY 516 | 16 | 10 | 5/8" | 16,3 | 26,6 | 500,0 | 2000 | 160 |
| NY 520 | 19 | 12 | 3/4" | 19,5 | 30,5 | 450,0 | 1800 | 180 |
| NY 525 | 25 | 16 | 1" | 25,8 | 38,1 | 315,0 | 1260 | 250 |

DN = Nominal diameter, nominal width