

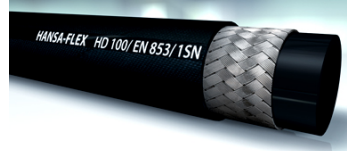
HD 100 (1SN)

HD hose

HANSA-FLEX

Properties

| | |
|--------------------|---|
| Application | Low and medium high pressure circuits Return hoses |
| Standard | EN 853 1 SN |
| Inner layer | oil resistant synthetic rubber |
| Insert | one high tensile steel wire braided insert |
| Outer layer | synthetic rubber with high temperature, ozone and weather resistance |
| Colour | black |
| Temp. min. | -40 °C |
| Temp. max. | 100 °C |
| Elongation | + 2 % to - 4 % |
| Media | Mineral oil Polyglycol based oil Water (0°C to + 70°C) Water-oil emulsions |



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 min. (mm) | Internal Ø max. (mm) | Ø Insert min. (mm) | Ø Insert max. (mm) | External Ø max. (mm) | Operating pressure (bar) | Test pressure (bar) | Burst pressure (bar) | Min. bending radius (mm) |
|----------------|-----|------|--------|----------------------|----------------------|--------------------|--------------------|----------------------|--------------------------|---------------------|----------------------|--------------------------|
| HD 104 | 5 | 3 | 3/16" | 4,6 | 5,4 | 9,0 | 10,0 | 12,5 | 250,0 | 500 | 1000 | 90 |
| HD 106 | 6 | 4 | 1/4" | 6,2 | 7,0 | 10,6 | 11,6 | 14,1 | 225,0 | 450 | 900 | 100 |
| HD 108 | 8 | 5 | 5/16" | 7,7 | 8,5 | 12,1 | 13,3 | 15,7 | 215,0 | 430 | 850 | 115 |
| HD 110 | 10 | 6 | 3/8" | 9,3 | 10,1 | 14,5 | 15,7 | 18,1 | 180,0 | 360 | 720 | 130 |
| HD 113 | 12 | 8 | 1/2" | 12,3 | 13,5 | 17,5 | 19,1 | 21,4 | 160,0 | 320 | 640 | 180 |
| HD 116 | 16 | 10 | 5/8" | 15,5 | 16,7 | 20,6 | 22,2 | 24,5 | 130,0 | 260 | 520 | 200 |
| HD 120 | 19 | 12 | 3/4" | 18,6 | 19,8 | 24,6 | 26,2 | 28,5 | 105,0 | 210 | 420 | 240 |
| HD 125 | 25 | 16 | 1" | 25,0 | 26,4 | 32,5 | 34,1 | 36,6 | 88,0 | 175 | 350 | 300 |
| HD 132 | 31 | 20 | 1.1/4" | 31,4 | 33,0 | 39,3 | 41,7 | 44,8 | 63,0 | 150 | 250 | 420 |
| HD 140 | 38 | 24 | 1.1/2" | 37,7 | 39,3 | 45,6 | 48,0 | 52,1 | 50,0 | 100 | 200 | 500 |
| HD 150 | 51 | 32 | 2" | 50,4 | 52,0 | 58,7 | 61,7 | 65,5 | 40,0 | 80 | 160 | 630 |

DN = Nominal diameter, nominal width