

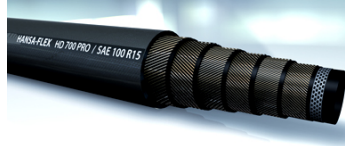
# HD 700 PRO

HD hose, extremely abrasion resistant outer cover

**HANSA FLEX**

## Properties

|                         |   |
|-------------------------|---|
| <b>Application</b>      | High pressure circuits with high loads<br>hydrostatic gearboxes<br>Shipbuilding<br>particularly suitable for restricted installation space<br>and high abrasion |
| <b>Special features</b> | extremely abrasion resistant top cover  |
| <b>Standard</b>         | from DN 19: SAE 100 R15<br>DN 10 + 12: EN 856 4SP<br>DN 16: EN 856 4SH  |
| <b>Inner layer</b>      | oil resistant synthetic rubber  |
| <b>Insert</b>           | four (up to NW 25) or six (from NW 32) high tensile<br>steel wire spirals   |
| <b>Outer layer</b>      | synthetic rubber with additional plastic cover,<br>with more than 300 x the abrasion properties of<br>standard outer covers                                     |
| <b>Colour</b>           | black   |
| <b>Temp. min.</b>       | -40 °C  |
| <b>Temp. max.</b>       | 121 °C  |
| <b>Elongation</b>       | + 2 % to - 2 %  |
| <b>Media</b>            | Mineral oil<br>Glycol<br>Water (0°C to + 70°C)<br>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<br>(mm) | External Ø<br>(mm) | Operating pressure<br>(bar) | Test pressure<br>(bar) | Burst pressure<br>(bar) | Min. bending radius<br>(mm) |
|----------------|-----|------|--------|--------------------|--------------------|-----------------------------|------------------------|-------------------------|-----------------------------|
| HD 710 PRO     | 10  | 6    | 3/8"   | 9,5                | 21,4               | 445,0                       | 890                    | 1780                    | 180                         |
| HD 713 PRO     | 12  | 8    | 1/2"   | 12,7               | 24,6               | 415,0                       | 830                    | 1660                    | 230                         |
| HD 716 PRO     | 16  | 10   | 5/8"   | 16,2               | 29,2               | 420,0                       | 840                    | 1680                    | 250                         |
| HD 720 PRO     | 19  | 12   | 3/4"   | 19,0               | 32,0               | 420,0                       | 840                    | 1680                    | 265                         |
| HD 725 PRO     | 25  | 16   | 1"     | 25,4               | 38,2               | 420,0                       | 840                    | 1680                    | 330                         |
| HD 732 PRO     | 31  | 20   | 1.1/4" | 31,8               | 50,4               | 420,0                       | 840                    | 1680                    | 445                         |
| HD 740 PRO     | 38  | 24   | 1.1/2" | 38,1               | 57,3               | 420,0                       | 840                    | 1680                    | 530                         |
| HD 750 PRO     | 51  | 32   | 2"     | 50,8               | 71,5               | 420,0                       | 840                    | 1680                    | 700                         |

DN = Nominal diameter, nominal width