

# HD 600 (R13)

HD hose

**HANSA****FLEX**

## Properties

|                    |  |
|--------------------|--|
| <b>Application</b> | High pressure circuits with high loads<br>hydrostatic drives             |
| <b>Standard</b>    | EN 856 R 13  |
| <b>Inner layer</b> | oil resistant synthetic rubber   |
| <b>Insert</b>      | six high tensile steel wire spiral inserts                               |
| <b>Outer layer</b> | synthetic rubber with high temperature, ozone and<br>abrasion resistance |
| <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

| Identificatio | DN* | Size | Inch-<br>es | Internal Ø<br>min.<br>(mm) | Internal Ø<br>max.<br>(mm) | Ø Insert<br>min.<br>(mm) | Ø Insert<br>max.<br>(mm) | External Ø<br>min.<br>(mm) | External Ø<br>max.<br>(mm) | Operating<br>pressure<br>(bar) | Test pres-<br>sure<br>(bar) | Burst<br>pressure<br>(bar) | Min. bending<br>radius<br>(mm) |
|---------------|-----|------|-------------|----------------------------|----------------------------|--------------------------|--------------------------|----------------------------|----------------------------|--------------------------------|-----------------------------|----------------------------|--------------------------------|
| <b>HD 650</b> | 51  | 32   | 2"          | 50,4                       | 52,0                       | 66,9                     | 69,3                     | 69,5                       | 72,7                       | 345,0                          | 690                         | 1379                       | 630                            |

DN = Nominal diameter, nominal width