



Layflat water hose

Applications

- for various agricultural applications (dung transport and irrigation / sprinkling)
- for discharge and supply of industrial water (including hot water), pumps, sewer cleaning, cable protection and various other heavy industrial applications
- Suitable for air and dung
- for firefighting
- Cable protection

Properties

- limited lye and acid resistance
- high tensile strength due to heavy duty reinforcements
- inner tube resistant to petrol and oil
- construction cover resistant to ageing, ozone, UV and weathering
- According to the norm EN ISO 1307:2008

Temperature Range

- -20 °C to 80 °C

- short time to 100 °C
- Max. temperature hot water: 80 °C

Design

- NBR/PVC inner layer
- NBR/PVC outer layer
- Außendecke gerieft

Delivery variants

- black inner tube, black exterior wall

| I.D. | outer Ø | Wall Thickness | Hose flat measured | Operating pressure (20 °C) | Max. operating pressure air | Burst pressure (20 °C) | Weight | Dimensions in Stock | Order No. |
|-----------|---------|----------------|--------------------|----------------------------|-----------------------------|------------------------|--------|---------------------|--------------|
| (in / mm) | (mm) | (mm) | (mm) | (bar) | (bar) | (bar) | (kg/m) | (m) | |
| 0,75 / 20 | 24.00 | 2.00 | 30,00 | 25,000 | 18,000 | 75,000 | 0.18 | 20 100 | 3070-019-000 |
| 1 / 26 | 30.40 | 2.20 | 39,00 | 25,000 | 18,000 | 75,000 | 0.21 | 20 100 | 3070-025-000 |
| 1,25 / 32 | 36.40 | 2.20 | 50,00 | 20,000 | 15,000 | 60,000 | 0.24 | 100 | 3070-032-000 |
| 1,5 / 38 | 42.60 | 2.30 | 60,00 | 16,000 | 12,000 | 50,000 | 0.30 | 20 100 | 3070-038-000 |
| 2 / 52 | 57.00 | 2.50 | 82,00 | 16,000 | 12,000 | 50,000 | 0.40 | 20 100 | 3070-050-000 |
| 3 / 76 | 81.80 | 2.90 | 118,00 | 16,000 | 12,000 | 50,000 | 0.65 | 20 100 | 3070-075-000 |
| 3,5 / 90 | 96.60 | 3.30 | 141,00 | 16,000 | 12,000 | 50,000 | 0.90 | 100 | 3070-090-000 |
| 4 / 102 | 108.60 | 3.30 | 160,00 | 16,000 | 12,000 | 50,000 | 1.00 | 20 100 | 3070-100-000 |
| 5 / 127 | 134.00 | 3.50 | 196,00 | 14,000 | 10,000 | 42,000 | 1.40 | 20 100 | 3070-125-000 |
| 6 / 152 | 159.40 | 3.70 | 239,00 | 14,000 | 10,000 | 42,000 | 1.80 | 20 50 | 3070-150-000 |
| 8 / 203 | 210.80 | 3.90 | 319,00 | 10,000 | 7,000 | 30,000 | 2.60 | 50 | 3070-200-000 |

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/.