



Polyurethane hose, extremely heavy

Application

- ♦ hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone
- ♦ vacuum truck, suction vehicle, dry suction truck: industrial cleaning, furnace cleaning
- ♦ suction vehicles: roof gravelling, roof gravel conveying
- ♦ animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- ♦ raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- ♦ silos and tankers: silo charging, silo discharging
- ♦ silo and tankers: conveying of wood pellets, plastic granulate, plastic powder

Properties

- ♦ external abrasion protection via external helix (protects floors and surfaces, prolongs service life, easy to use)

- ♦ extremely heavy duty
- ♦ extremely abrasion resistant
- ♦ very high pressure, vacuum and compression resistance
- ♦ good resistance to chemicals
- ♦ very good low temperature flexibility
- ♦ conforms to RoHS guideline
- ♦ REACH according to --> Technology / Technical Information / REACH

Temperature Range

- ♦ -20°C to 70°C
- ♦ short time to 80°C

Design

- ♦ NORPLAST® full plastic hose
- ♦ hard plastic spiral integrated in wall
- ♦ spiral: rigid PVC
- ♦ smooth interior
- ♦ wall: premium polyurethane (Pre-PUR®), inside layer 2,0 mm approx. exterior soft PVC

Delivery variants

- ♦ further diameters and lengths available on request
- ♦ blue inner tube + transparent exterior wall (standard)
- ♦ special colours: coloured spiral, full coloured
- ♦ customer-specific branding

| I.D. | outer Ø | Pressure | Vacuum | Bending Radius | Weight | Dimensions in Stock | Production Lengths | Order No. |
|-----------------------------------|---------|----------|--------|----------------|--------|---------------------|--------------------|---------------|
| (in / mm) | (mm) | (bar) | (bar) | (mm) | (kg/m) | (m) | (m) | |
| standard type, inliner blue | | | | | | | | |
| 3,5 / 89-90 | 105.00 | 5,500 | 0,900 | 595.00 | 2.60 | - | 13.5 | 387-0090-0000 |
| 4 / 100-102 | 118.00 | 4,000 | 0,900 | 799.00 | 3.30 | - | 13.5 | 387-0102-0000 |
| 5 / 125-127 | 145.00 | 3,000 | 0,900 | 1036.50 | 4.20 | - | 30 | 387-0127-0000 |
| 6 / 150-152 | 173.00 | 3,000 | 0,900 | 1324.00 | 6.40 | - | 20 | 387-0152-0000 |
| flexible type, inliner yellow | | | | | | | | |
| 5 / 125-127 | 145.00 | 3,000 | 0,900 | 1036.50 | 4.20 | - | 13.5 | 387-0127-6007 |
| smooth exterior type, inliner red | | | | | | | | |
| 5 / 125-127 | 145.00 | 3,000 | 0,900 | 1036.50 | 4.20 | 30 | - | 387-0127-6008 |

Accessories

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.



CONNECT TANK TRUCK CLAMP 211
BRASS 252



CONNECT KARDAN 254



CONNECT STORZ DIN
ALU 251



CONNECT KAMLOK ALU
253