



## High-temperature hose, super-heavy

### Applications

- flexible hose/ ducting for high throughput of warm abrasive powder, bulk material, granulate and for warm gases
- plastic industry, conveying of granulates and powders: granulate conveying equipment, vacuum hopper/ conveyor, suction conveyor, dosing system, bulk-bag (big bag)-charging and discharging, shredder, mill, extruder, injection moulding machine
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- compressor, side channel blower, vacuum pump, pressure pump, pump
- silos and tankers: silo charging, silo discharging

### Properties

- super heavy-duty
- extremely abrasion-resistant with reinforcement underneath wire and narrow hose pitch

- very good heat resistance (better than comparable TPE and Neoprene)
- very high pressure, vacuum and compression resistance
- according to DIN 26057 Type 4
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

### Temperature Range

- 40 °C to 125 °C

- short time to 150 °C

### Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: patented special premium high-temperature polyurethane HT-PUR (Pre-PUR®)
- wall thickness 2,0 to 2,5 mm approx.
- reinforcement of the primary abrasion areas

### Delivery variants

- further diameters and lengths available on request
- black (standard)
- 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)                |               |
| - / 50     | 61.00   | 3,615    | 1,000  | 134.00         | 1.00   | 10                  | -                  | 356-0050-1015 |
| 2 / 51     | 62.00   | 3,505    | 1,000  | 134.00         | 1.02   | -                   | 10                 | 356-0051-1015 |
| 2,36 / 60  | 71.00   | 3,045    | 1,000  | 156.00         | 1.18   | -                   | 10 15              | 356-0060-1015 |
| 2,5 / 63   | 74.00   | 2,725    | 1,000  | 163.00         | 1.24   | 10                  | -                  | 356-0063-1015 |
| - / 70     | 82.00   | 2,630    | 1,000  | 186.00         | 1.37   | -                   | 10 15              | 356-0070-1015 |
| 3 / 76     | 88.00   | 2,455    | 1,000  | 195.00         | 1.48   | -                   | 10                 | 356-0076-1015 |
| - / 80     | 92.00   | 2,315    | 1,000  | 205.00         | 1.55   | 10                  | 15                 | 356-0080-1015 |
| 4 / 102    | 115.00  | 1,995    | 1,000  | 272.00         | 2.31   | -                   | 10                 | 356-0102-1015 |
| 4,72 / 120 | 133.00  | 1,730    | 0,965  | 330.00         | 2.69   | -                   | 10                 | 356-0120-1015 |
| 5 / 127    | 140.00  | 1,705    | 0,935  | 336.00         | 2.84   | -                   | 10                 | 356-0127-1015 |

## 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. data. Additional information at [www.norres.com/en/technology/](http://www.norres.com/en/technology/).

CONNECT SAFETY  
CLAMP ASSEMBLY  
231

CONNECT 228

CLAMP 216

CONNECT 245 VAC-  
TRUCK

CONNECT PRESS  
ASSEMBLY 232

CONNECT THREAD  
FITTING 234



CLAMP 211



CONNECT MOULD  
ASSEMBLY 233