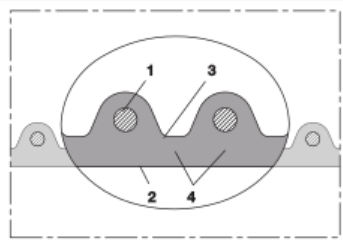


AIRDUC® PUR 356 HT (XHD)



High-temperature hose, super-heavy duty

Applications

- flexible hose/ ducting for high volume 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, silo vehicle/ silo truck, tanker/ tank truck: 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 °F to 255 °F

- short time to 300 °F

Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: special premium high-temperature polyurethane HT-PUR (Pre-PUR®)
- wall thickness 0.08 to 0.10 in 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) | (in) | (psi) | (inHG) | (in) | (lb/ft) | (ft) | (ft) | |
| - / 50 | 2.402 | 52.432 | 29.530 | 5.276 | 0.672 | - | 25 50 | 356-0050-1015 |
| 2 / 51 | 2.441 | 50.837 | 29.530 | 5.276 | 0.685 | 25 50 | - | 356-0051-1015 |
| 2,36 / 60 | 2.795 | 44.165 | 29.530 | 6.142 | 0.793 | - | 25 50 | 356-0060-1015 |
| 2,5 / 63 | 2.913 | 39.523 | 29.530 | 6.417 | 0.833 | 25 50 | - | 356-0063-1015 |
| - / 70 | 3.228 | 38.146 | 29.530 | 7.323 | 0.921 | - | 25 50 | 356-0070-1015 |
| - / 75 | 3.425 | 35.680 | 29.530 | 7.677 | 0.981 | - | 25 50 | 356-0075-1015 |
| 3 / 76 | 3.465 | 35.607 | 29.530 | 7.677 | 0.995 | 25 50 | - | 356-0076-1015 |
| - / 80 | 3.622 | 33.577 | 29.530 | 8.071 | 1.042 | - | 25 50 | 356-0080-1015 |
| 4 / 102 | 4.528 | 28.935 | 29.530 | 10.709 | 1.552 | 25 50 | - | 356-0102-1015 |
| 4,72 / 120 | 5.236 | 25.092 | 28.496 | 12.992 | 1.808 | - | 25 50 | 356-0120-1015 |
| 5 / 127 | 5.512 | 24.729 | 27.611 | 13.228 | 1.909 | 25 50 | - | 356-0127-1015 |

Accessories

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com/us/technology/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

AIRDUC® PUR 356 HT (XHD)



CONNECT SAFETY
CLAMP ASSEMBLY
231



CONNECT 245 VAC-
TRUCK



CLAMP 211



CONNECT MOULD
ASSEMBLY 233



CONNECT THREAD
FITTING 234



CONNECT PRESS
ASSEMBLY 232



CLAMP 216



CONNECT 228