



## 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/](http://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.



CLAMP 216



CONNECT 245 VAC-TRUCK



CONNECT 228



CONNECT THREAD FITTING 234



CONNECT PRESS ASSEMBLY 232



CONNECT SAFETY CLAMP ASSEMBLY 231



CONNECT MOULD ASSEMBLY 233



CLAMP 211