

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 device, 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
- silo, 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
- good resistance to oil, gasoline, and chemicals
- very good low temperature flexibility
- according to DIN 26057 Type 4
- conforms to RoHS guideline

Temperature range

- 40°F to 255°F
- short time to 300°F

Design, material

AIRDUC® profile hose

- spring steel wire firmly embedded in the wall
- wall: special premium high-temperature polyurethane HT-PUR (Pre-PUR®)
- wall thickness 0.08 - 0.10 inch approximate
- reinforcement of the primary abrasion areas

Delivery variants

- further diameters and lengths available on request
- black (standard)
- customer-specific branding

I.D. in / mm	O.D. in	Pressure psi	Vacuum inHG	Bending Radius in	Weight lbs./ft	Stock length ft	Further production lengths ft	Order No.
- / 50	2.40	52.45	29.55	5.28	0.670	-	25 50	356-0050-1015
2 / 51	2.44	50.85	29.55	5.28	0.685	25 50	-	356-0051-1015
2.36 / 60	2.80	44.15	29.55	6.14	0.795	-	25 50	356-0060-1015
2.5 / 65	2.91	39.55	29.55	6.42	0.885	25 50	-	356-0065-1015
- / 70	3.23	38.15	29.55	7.32	0.920	-	25 50	356-0070-1015
- / 75	3.43	35.70	29.55	7.68	0.980	-	25 50	356-0075-1015
3 / 76	3.46	35.60	29.55	7.68	0.995	25 50	-	356-0076-1015
- / 80	3.62	33.60	29.53	8.07	1.040	-	25 50	356-0080-1015
4 / 102	4.53	28.95	29.55	10.71	1.550	25 50	-	356-0102-1015
4.72 / 120	5.24	25.10	28.50	12.99	1.810	-	25 50	356-0120-1015
5 / 127	5.51	24.75	27.61	13.23	1.910	25 50	-	356-0127-1015
6 / 152	6.50	19.60	24.36	17.13	2.500	25 50	-	356-0152-1015

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. 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.

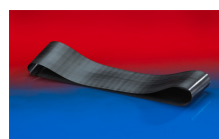
Accessories



CLAMP 216



CLAMP 211



CONNECT 228



CONNECT SAFETY CLAMP ASSEMBLY 231



CONNECT PRESS ASSEMBLY 232



CONNECT MOULD ASSEMBLY 233

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CONNECT THREAD
FITTING 234CONNECT 245
VAC-TRUCK

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