



High-temperature hose, 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
- film blowing machine, cooling air at the extrusion tool
- offset printing machine: air supply, air supply cabinet
- textile industry, steam soaking: steam iron, industrial ironing machine, smoothing iron
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings

- compressor, side channel blower, vacuum pump, pressure pump, pump

**Properties**

- heavy duty
- highly abrasion resistant
- very good heat resistance (better than comparable TPE and Neoprene)
- increased pressure and vacuum resistance
- good resistance to oil, gasoline, and chemicals
- very good low temperature flexibility
- according to DIN 26057 Type 3
- 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 0.055 - 0.060 inch approx.

**Delivery variants**

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

I.D. in / mm	O.D. in	Pressure DIN 26057 (50% elongation) psi	Vacuum DIN 26057 (axially fixed) inHG	Bending Radius in	Weight lbs./ft	Stock length ft	Further production lengths ft	Order No.
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Color black								
1 / 25	1.25	48.95 (-)	28.94 (-)	0.96	0.190	-	25 50	355-0025-1015
1.25 / 32	1.65	47.85 (-)	29.53 (-)	1.25	0.295	-	25 50	355-0032-1015
1.5 / 38	1.89	40.85 (-)	26.87 (-)	1.42	0.350	25 50	-	355-0038-1015
- / 40	1.97	38.95 (-)	25.54 (-)	1.50	0.365	-	25 50	355-0040-1015
2 / 50-51	2.36	31.55 (-)	20.38 (-)	1.73	0.445	25 50	-	355-0050-1015
- / 55	2.56	34.35 (-)	18.75 (-)	1.48	0.485	-	25 50	355-0055-1015
2.36 / 60	2.76	26.55 (-)	16.98 (-)	2.00	0.525	-	25 50	355-0060-1015
2.5 / 63-65	2.95	24.60 (-)	15.65 (-)	2.11	0.565	25 50	-	355-0065-1015
- / 70	3.19	22.85 (-)	13.73 (-)	3.03	0.660	-	25 50	355-0070-1015
3 / 75-76	3.39	21.40 (-)	12.85 (-)	3.17	0.705	25 50	-	355-0075-1015
- / 80	3.58	20.10 (-)	12.11 (-)	3.35	0.745	-	25 50	355-0080-1015
4 / 100-102	4.37	16.15 (-)	10.48 (-)	4.06	1.000	25 50	-	355-0100-1015
5 / 125-127	5.35	13.05 (-)	8.42 (-)	4.90	1.235	25 50	-	355-0125-1015
6 / 150-152	6.34	10.90 (-)	7.68 (-)	5.79	1.620	25 50	-	355-0150-1015
8 / 200-203	8.39	8.20 (-)	3.84 (-)	7.64	2.095	25	-	355-0200-1015

Color transparent								
1.25 / 32	1.65	47.85 (-)	29.53 (-)	1.25	0.295	-	25 50	355-0032-3040
1.5 / 38	1.89	40.85 (-)	26.87 (-)	1.42	0.350	25 50	-	355-0038-3040
- / 40	1.97	38.95 (-)	25.54 (-)	1.50	0.365	-	25 50	355-0040-3040
2 / 50-51	2.36	31.55 (-)	20.38 (-)	1.73	0.445	25 50	-	355-0050-3040
2.36 / 60	2.76	26.55 (-)	16.98 (-)	2.00	0.525	-	25 50	355-0060-3040

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.

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- / 70	3.19	22.85 (-)	13.73 (-)	3.03	0.660	-	25 50	355-0070-3040
- / 80	3.58	20.10 (-)	12.11 (-)	3.35	0.745	-	25 50	355-0080-3040
4 / 100-102	4.37	16.15 (-)	10.48 (-)	4.06	1.000	25 50	-	355-0100-3040

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Accessories



CLAMP 212



CLAMP 216



CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT SAFETY  
CLAMP ASSEMBLY 231



CONNECT PRESS  
ASSEMBLY 232



CONNECT MOULD  
ASSEMBLY 233



CONNECT THREAD  
FITTING 234



CONNECT 270-271

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