

TPE hose, medium-heavy duty (up to +302 °F)

Application

- flexible hose/ ducting for hot and cold gases and for powder, bulk material, granulate
- granulate/ plastic dryer, hot air dryer
- film blowing machine, cooling air at the extrusion tool
- textile industry, steam soaking: steam iron, industrial ironing machine, smoothing iron
- air supply: UV dryer, IR dryer
- bus, utility vehicle, caravan/ trailer, mobile home/ camper/ RV, boat, ship/ vessel/ marine, yacht: ventilation, heating
- compressor, side channel blower, vacuum pump, pressure pump, pump
- paper mill, paper and pulp industry: waste water, air extraction
- heating system/ heater: fresh air supply

Properties

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- medium-heavy duty
- very good heat resistance
- good resistance to oil, gasoline, and chemicals
- good resistance to alkalis and acids
- conforms to RoHS guideline
- Variant 2528 acc. to table: permanently antistatic wall: according to ISO 8031 electrical and surface resistance $<10^9 \Omega$ (according to NFPA 652 10^8 - $10^9 \Omega$)
- 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: thermoplastic rubber (TPE) (US version: antistatic thermoplastic rubber)
- wall thickness 0.03 in approx.

Delivery variants

- further diameters and lengths available on request
- black (standard)
- special colors: full colored
- 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)	
standard								
- / 30	1.496	13.489	5.758	0.906	0.141	10	25 50	363-0030-0000
1,25 / 32	1.575	12.618	5.611	0.945	0.168	10	-	363-0032-0000
1,5 / 38	1.811	10.733	5.168	1.063	0.195	10	-	363-0038-0000
- / 40	1.890	10.225	5.020	1.102	0.202	10	25 50	363-0040-0000
1,75 / 44-45	2.087	9.138	4.725	1.220	0.222	10	-	363-0045-0000
2 / 50-51	2.283	8.195	4.430	1.299	0.249	10	-	363-0050-0000
2,36 / 60	2.677	6.889	3.396	1.496	0.302	10	25 50	363-0060-0000
2,5 / 63-65	2.874	6.382	2.953	1.614	0.329	10	-	363-0065-0000
- / 70	3.071	5.947	2.510	1.693	0.356	10	25 50	363-0070-0000
3 / 75-76	3.268	5.512	2.362	1.811	0.376	10	-	363-0075-0000
- / 80	3.465	5.221	2.067	1.890	0.397	10	25 50	363-0080-0000
3,5 / 89-90	3.858	4.641	1.919	2.087	0.450	10	-	363-0090-0000
4 / 100-102	4.252	4.206	1.477	2.283	0.497	10	-	363-0100-0000
- / 110	4.646	3.771	1.329	2.480	0.544	10	25 50	363-0110-0000
5 / 125-127	5.236	3.336	1.034	2.795	0.612	10	-	363-0125-0000
- / 130	5.433	3.191	1.034	2.874	0.638	10	25 50	363-0130-0000
6 / 150-152	6.220	2.828	1.034	3.268	0.739	10	-	363-0150-0000
7 / 178-180	7.402	2.321	0.738	3.858	0.867	10	-	363-0180-0000
8 / 200-203	8.189	2.103	0.738	4.252	0.968	10	-	363-0200-0000
- / 225	9.173	1.886	0.591	4.764	1.095	10	25 50	363-0225-0000

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® TPE 363 (MD) & TPE 363 AS (MD)



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)	
- / 250	10.157	1.668	0.591	5.236	1.216	10	25 50	363-0250-0000

Standard version USA - antistatic version								
1,25 / 32	1.575	12.618	5.611	0.945	0.141	-	10	363-0032-2528
1,5 / 38	1.811	10.733	5.168	1.063	0.195	-	10	363-0038-2528
1,75 / 44-45	2.087	9.138	4.725	1.220	0.222	-	10	363-0045-2528
2 / 50-51	2.283	8.195	4.430	1.299	0.249	-	10	363-0050-2528
2,25 / 57	0.000	0.000	0.000	0.000	0.000	-	10	363-0057-2528
2,5 / 63-65	2.874	6.382	2.953	1.614	0.329	-	10	363-0065-2528
3 / 75-76	3.268	5.512	2.362	1.811	0.376	-	10	363-0075-2528
3,5 / 89-90	3.858	4.641	1.919	2.087	0.450	-	10	363-0090-2528
4 / 100-102	4.252	4.206	1.477	2.283	0.497	-	10	363-0100-2528
4,5 / 114-115	0.000	0.000	0.000	0.000	0.000	-	10	363-0115-2528
5 / 125-127	5.236	3.336	1.034	2.795	0.612	-	10	363-0125-2528
5,5 / 140	0.000	0.000	0.000	0.000	0.000	-	10	363-0140-2528
6 / 150-152	6.220	2.828	1.034	3.268	0.739	-	10	363-0150-2528
7 / 178-180	7.402	2.321	0.738	3.858	0.867	-	10	363-0180-2528
8 / 200-203	8.189	2.103	1.477	4.252	0.968	-	10	363-0200-2528
9 / 228-229	0.000	0.000	0.000	0.000	0.000	-	10	363-0228-2528
10 / 254	0.000	0.000	0.000	0.000	0.000	-	10	363-0254-2528
12 / 305	0.000	0.000	0.000	0.000	0.000	-	10	363-0305-2528
14 / 356	0.000	0.000	0.000	0.000	0.000	-	10	363-0356-2528
16 / 405-406	0.000	0.000	0.000	0.000	0.000	-	10	363-0406-2528
18 / 457	0.000	0.000	0.000	0.000	0.000	-	10	363-0457-2528

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Accessories



CLAMP 213



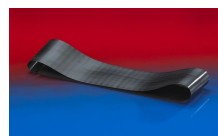
CONNECT 223



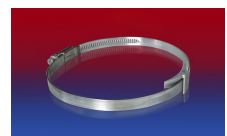
CLAMP 217



CONNECT 270-271



CONNECT 228



CLAMP 210 BRIDGE CLAMP