



TPE hose, medium-heavy (up to +150°C), antistatic, external protection profile

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
- air supply: UV dryer, IR dryer
- textile industry, steam soaking: steam iron, industrial ironing machine, smoothing iron
- 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

Properties

- external abrasion protection via external helix (protects floors and surfaces, prolongs service life, easy to use)
- medium-heavy duty
- very good heat resistance
- good resistance to oil, gasoline and chemicals
- good resistance to alkalis and acids
- permanently antistatic wall: according to ISO 8031 electrical and surface resistance $<10^9 \Omega$ (according to NFPA 652 10^8 - $10^9 \Omega$)
- conforms to RoHS guideline

Temperature Range

- 40°C to 125°C
- short time to 150°C

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- hose wall: thermoplastic rubber (TPE), antistatic
- wall thickness 0,8 mm approx.
- abrasion resistant protection profile (wear strip)

Delivery variants

- further diameters and lengths available on request
- black (standard)
- special colours: partially coloured, completely coloured
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
1,25 / 32	40.00	0,870	0,190	24.00	0.25	-	5 10	363-0032-5550
1,5 / 38	46.00	0,740	0,175	27.00	0.29	-	5 10	363-0038-5550
1,75 / 44-45	53.00	0,630	0,160	31.00	0.33	-	5 10	363-0045-5550
2 / 50-51	58.00	0,565	0,150	33.00	0.37	-	5 10	363-0050-5550
2,25 / 57	0.00	-	-	0.00	0.00	-	5 10	363-0057-5550
2,5 / 63-65	73.00	0,440	0,100	41.00	0.49	-	5 10	363-0065-5550
3 / 75-76	83.00	0,380	0,080	46.00	0.56	-	5 10	363-0075-5550
3,5 / 89-90	98.00	0,320	0,065	53.00	0.67	-	5 10	363-0090-5550
4 / 100-102	108.00	0,290	0,050	58.00	0.74	-	5 10	363-0100-5550
4,5 / 114-115	0.00	-	-	0.00	0.00	-	5 10	363-0115-5550
5 / 125-127	133.00	0,230	0,035	71.00	0.91	-	5 10	363-0125-5550
5,5 / 140	0.00	-	-	0.00	0.00	-	5 10	363-0140-5550
6 / 150-152	158.00	0,195	0,035	83.00	1.10	-	5 10	363-0150-5550
7 / 178-180	188.00	0,160	0,025	98.00	1.29	-	5 10	363-0180-5550
8 / 200-203	208.00	0,145	0,025	108.00	1.44	-	5 10	363-0200-5550
9 / 228-229	0.00	-	-	0.00	0.00	-	5 10	363-0228-5550
10 / 254	0.00	-	-	0.00	0.00	-	5 10	363-0254-5550
12 / 305	0.00	-	-	0.00	0.00	-	5 10	363-0305-5550
14 / 356	0.00	-	-	0.00	0.00	-	5 10	363-0356-5550
16 / 405-406	0.00	-	-	0.00	0.00	-	5 10	363-0406-5550
18 / 457	0.00	-	-	0.00	0.00	-	5 10	363-0457-5550

Accessories



CONNECT 223



CLAMP 212 EC



CLAMP 213



CLAMP 210 BRIDGE
CLAMP



CONNECT 270-271



CLAMP 212



CLAMP 217