

HIGH-TEMPERATURE

AIRDUC® TPE 363 (MD)

Suction and pressure hose for hot and cold gases — TPE up to +150 °C, for granulate dryers



Suction and pressure hose in thermoplastic elastomer (TPE), heat-resistant up to +125 °C continuously and peak +150 °C. Designed for transport of hot and cold gases, powder, bulk materials and granulates. Ideal for granulate dryers, hot air dryers and general industrial applications where medium temperature and flexibility must be combined. Service from –40 °C, making it usable from cold rooms to hot process installations.

Media: Gas, Dust

Temp: -40 °C to 125 °C

✓ Cut to length

APPLICATIONS

- Granulate dryers (up to +125 °C continuous)
- Hot air dryers
- UV and IR dryers on offset printing machines
- Construction drying
- Steam soaking
- Film blowing machines

Technical specifications

Material	Thermoplastic elastomer (TPE), rigid PVC spiral
Colour	Black or dark grey
Wall construction	Smooth interior TPE wall, rigid PVC spiral
Spiral material	rigid PVC
Conveying media	Gas, Dust
Temperature range	-40 °C – 125 °C
Short-term peak	150 °C
Cut to length	Yes
Manufacturer SKU	3630000

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 25 standard sizes from inner Ø 25.0 mm to 300.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
25	33	0.93	0.195	21	15	0.2	-	36300250000
28	36	0.93	0.195	22	15	0.22	-	36300280000
30	38	0.93	0.195	23	15	0.23	-	36300300000
32	40	0.87	0.19	24	15	0.25	10	36300320000
38	46	0.74	0.175	27	15	0.29	10	36300380000
40	48	0.705	0.17	28	15	0.3	10	36300400000
45	53	0.63	0.16	31	15	0.34	-	36300450000
50.5	58.5	0.565	0.15	33	15	0.38	10	36300500000
55	63	0.475	0.115	36	15	0.42	-	36300550000
60	68	0.475	0.115	38	15	0.46	10	36300600000
64.5	72.5	0.44	0.1	41	15	0.49	10	36300650000
70	78	0.41	0.085	43	15	0.53	-	36300700000
75	83	0.38	0.08	46	15	0.56	-	36300750000
80	88	0.36	0.07	48	15	0.6	10	36300800000
90	98	0.32	0.065	53	15	0.67	10	36300900000
100	108	0.29	0.05	58	15	0.74	10	36301000000
110	118	0.26	0.045	63	15	0.82	-	36301100000
126.5	134.5	0.23	0.035	71	15	0.93	10	36301250000
130	138	0.22	0.035	73	15	0.96	-	36301300000
151.5	159.5	0.195	0.035	83	15	1.08	10	36301500000
160	168	0.16	0.025	91	15	1.13	-	36301600000
180	188	0.16	0.025	98	15	1.27	-	36301800000
202.3	210.3	0.145	0.025	108	15	1.7	10	36302000000
250	258	0.115	0.02	133	15	2.1	-	36302500000
300	308	-	-	185	10	2.51	-	36303000000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.