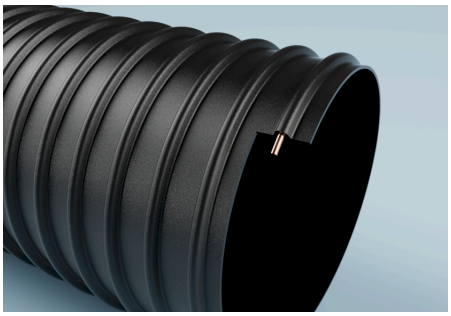
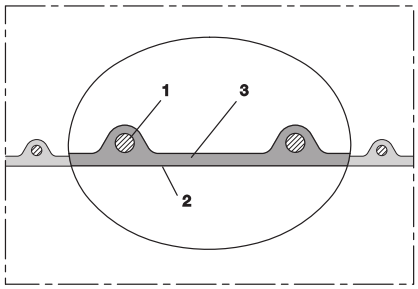
AIRDUC© PUR 351 HT (MD)

SKU: 3511015

Highly abrasion-resistant high-temperature hose up to 300°F, medium-duty, flexible at low temperatures, ideal for transporting hot, abrasive materials and gases in industrial plants.







Technical specifications

Abrasion resistance

- Highly abrasion-resistant

Medium

- Gas, Dust, Liquid, Solid

Areas of application

Applications

- Film blowing machines, Granulate dryer, Granulate conveying, Industrial robots, Industrial vacuum cleaners, Vacuum conveyor, Vacuum pumps, Conveying of abrasive media, Gas transport, High-temperature applications, Gravel conveying, Compressors, Powder application in offset printing machines, Injection moulding machines

Industries

- Paper industry
- Textile industry
- Printing industry
- Plastics industry
- Mechanical engineering
- Robotics
- Machine tool industry
- Pump and compressor industry
- Conveying and processing industry / bulk material technology
- Silo and conveying technology industry

Pressure and temperature

Temperature normal range (min/max)

- -40 °C – 125 °C

Material and color

Color

- black

Material

- Special premium high-temperature polyurethane HT-PUR (Pre-PUR®)

Material spiral

- Spring steel

Durability and standards

Durability inner tube core

- Oil, Petrol, Chemical resistance

Standards

- REACH (EG 1907/2006), RoHS

Durability outer cover

- Oil, Gasoline, Chemicals

All information in this technical data sheet has been carefully reviewed; however, no warranty or liability can be accepted for the accuracy, completeness, or currentness of the information provided. Positive pressure and vacuum are operating limit values at 68 °F (20 °C). The bend radius is measured on the inside of the hose bend. Subject to technical changes.

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Inner diameter [mm]	Outer diameter [mm]	Working pressure [bar]	Vacuum [bar]	Total wall thickness [mm]	Bending radius [mm]	Max. production length [m]	Weight [kg]	Spiral pitch [mm]	Article Number
25.1	32.1	2.835	0.495	1	28	10	0.25	10	35100251015
32	40	2.245	0.46	1	35	10	0.3	11,5	35100321015
38	46	1.905	0.43	1	40	15	0.35	11,5	35100381015
40	48	1.815	0.42	1	41	15	0.37	11,5	35100401015
45	53	1.62	0.385	1	45	15	0.41	11,5	35100451015
50.5	58.5	1.465	0.365	1	49	15	0.46	11,5	35100501015
51	59	1.4	0.35	1	50	15	0.46	11,5	35100511015
55	63	1.225	0.285	1	55	15	0.5	11,5	35100551015
60	68	1.225	0.285	1	56	15	0.54	11,5	35100601015
64.5	72.5	1.135	0.255	1	60	15	0.58	11,5	35100651015
70	79	1.055	0.21	1	65	15	0.63	15	35100701015
75	84	0.985	0.195	1	69	15	0.68	15	35100751015
80	89	0.925	0.175	1	73	15	0.72	15	35100801015
90	99	0.825	0.155	1	80	15	0.8	15	35100901015
101.5	110.5	0.745	0.12	1	88	15	1.04	15	35101001015
115	124	0.6	0.085	1	103	15	1.17	15	35101151015
126.5	135.5	0.6	0.085	1	107	15	1.28	15	35101251015
151.5	160.5	0.5	0.075	1	126	15	1.66	15,5	35101501015
160	169	0.47	0.065	1	134	15	1.75	15,5	35101601015
202.3	211.3	0.375	0.055	1	165	15	2.2	15,5	35102001015
350	359	–	–	1	315	10	3.52	18	35103501015

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