

## HIGH-TEMPERATURE

# AIRDUC® PUR 356 HT (XHD)

Heavy-duty high-temperature PUR hose — XHD construction for hot abrasive media at high throughput



The heavy-duty variant of the AIRDUC® HT family. XHD construction (extra heavy duty) classified per DIN 26057 Type 4. Designed for high throughput of hot abrasive media — dryers, vacuum pumps, silo trucks, grain pneumatics at higher temperatures. Tolerates +125 °C continuous and +150 °C peak. The increased wall thickness means the hose survives the most demanding industrial applications where an MD variant would wear too quickly.

**Media:** Gas, Dust, Liquid

**Temp:** -40 °C to 125 °C

✓ Cut to length

## APPLICATIONS

- Large-scale bulk distribution of hot granulates
- Vacuum pumps with high-volume hot air
- Silo trucks and pneumatic conveyance at high temperatures
- Industrial dryers with abrasive output
- Tablet presses with hot active ingredients

## Technical specifications

<b>Material</b>	Polyurethane (PUR), HT formulation — extra heavy duty
<b>Colour</b>	Black
<b>Wall construction</b>	Extra heavy duty (XHD), heavily reinforced HT PUR
<b>Spiral material</b>	spring steel wire, embedded in PUR wall
<b>Conveying media</b>	Gas, Dust, Liquid
<b>Temperature range</b>	-40 °C – 125 °C
<b>Short-term peak</b>	150 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3561015

### Standards and compliance

din-26057-4, REACH, RoHS

## Dimensions and ordering

The hose is supplied in 13 standard sizes from inner Ø 32.0 mm to 127.0 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]	Wall th. [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
32	43	2	-	1	100	25	0.62	-	35600321015
38	49	1.8	4.475	1	104	15	0.72	-	35600381015
42	53	1.8	4.27	1	120	15	0.79	-	35600421015
50.5	61.5	1.8	3.615	1	134	15	0.93	10	35600501015
51	62	1.8	3.505	1	134	15.25	0.94	-	35600511015
60	71	1.8	3.045	1	156	15	1.09	-	35600601015
63	74	1.8	2.725	1	163	15	1.14	10	35600631015
70	82	1.8	2.63	1	186	15	1.26	-	35600701015
76	88	1.8	2.455	1	195	15	1.36	-	35600761015
80	92	1.8	2.315	1	205	15	1.43	10	35600801015
102	115	2	1.995	1	272	15	2.3	-	35601021015
120	133	2	1.73	0.965	330	15	2.68	-	35601201015
127	140	2	1.705	0.935	336	15	2.83	-	35601271015

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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## Contact and advisory

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