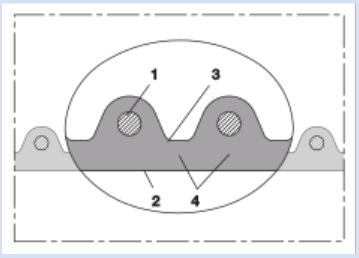
AIRDUC® PUR 356 HT (XHD)





High-temperature hose, super-heavy

Applications
- flexible hose/ ducting for high throughput of warm abrasive powder, bulk material, granulate and for warm gases
- plastic industry, conveying of granulates and powders: granulate conveying equipment, vacuum hopper/ conveyor, suction conveyor, dosing system, bulk-bag (big bag)-charging and discharging, shredder, mill, extruder, injection moulding machine
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- compressor, side channel blower, vacuum pump, pressure pump, pump
- silos and tankers: silo charging, silo discharging

Properties
- super heavy-duty
- extremely abrasion-resistant with reinforcement underneath wire and narrow hose pitch
- very good heat resistance (better than comparable TPE and Neoprene)
- very high pressure, vacuum and compression resistance
- according to DIN 26057 Type 4
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range
- -40 °C to 125 °C
- short time to 150 °C

Design
- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: patented special premium high-temperature polyurethane HT-PUR (Pre-PUR®)
- wall thickness 2,0 to 2,5 mm approx.
- reinforcement of the primary abrasion areas

Delivery variants
- further diameters and lengths available on request
- black (standard)
- 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)	
- / 50	61.00	3,615	1,000	134.00	1.00	**10**	-	356-0050-1015
2 / 51	62.00	3,505	1,000	134.00	1.02	-	10	356-0051-1015
2,36 / 60	71.00	3,045	1,000	156.00	1.18	-	10 15	356-0060-1015
2,5 / 63	74.00	2,725	1,000	163.00	1.24	**10**	-	356-0063-1015
- / 70	82.00	2,630	1,000	186.00	1.37	-	10 15	356-0070-1015
3 / 76	88.00	2,455	1,000	195.00	1.48	-	10	356-0076-1015
- / 80	92.00	2,315	1,000	205.00	1.55	**10**	15	356-0080-1015
4 / 102	115.00	1,995	1,000	272.00	2.31	-	10	356-0102-1015
4,72 / 120	133.00	1,730	0,965	330.00	2.69	-	10	356-0120-1015
5 / 127	140.00	1,705	0,935	336.00	2.84	-	10	356-0127-1015

Accessories








Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/.

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CLAMP 211

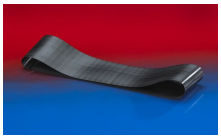
CONNECT SAFETY CLAMP ASSEMBLY 231

CONNECT PRESS ASSEMBLY 232

CLAMP 216

CONNECT MOULD ASSEMBLY 233

CONNECT 245 VAC-TRUCK



CONNECT 228



CONNECT THREAD FITTING 234

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