



High-temperature hose, super-heavy duty

Applications

- flexible hose/ ducting for high volume 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, silo vehicle/ silo truck, tanker/ tank truck: 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 °F to 255 °F

- short time to 300 °F

Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: special premium high-temperature polyurethane HT-PUR (Pre-PUR®)
- wall thickness 0.08 to 0.10 in 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)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
- / 50	2.402	52.432	29.530	5.276	0.672	-	25 50	356-0050-1015
2 / 51	2.441	50.837	29.530	5.276	0.685	25 50	-	356-0051-1015
2,36 / 60	2.795	44.165	29.530	6.142	0.793	-	25 50	356-0060-1015
2,5 / 63	2.913	39.523	29.530	6.417	0.833	25 50	-	356-0063-1015
- / 70	3.228	38.146	29.530	7.323	0.921	-	25 50	356-0070-1015
- / 75	3.425	35.680	29.530	7.677	0.981	-	25 50	356-0075-1015
3 / 76	3.465	35.607	29.530	7.677	0.995	25 50	-	356-0076-1015
- / 80	3.622	33.577	29.530	8.071	1.042	-	25 50	356-0080-1015
4 / 102	4.528	28.935	29.530	10.709	1.552	25 50	-	356-0102-1015
4,72 / 120	5.236	25.092	28.496	12.992	1.808	-	25 50	356-0120-1015
5 / 127	5.512	24.729	27.611	13.228	1.909	25 50	-	356-0127-1015

Accessories



CONNECT THREAD
FITTING 234



CONNECT SAFETY
CLAMP ASSEMBLY
231



CONNECT 245 VAC-
TRUCK



CONNECT 228



CLAMP 216



CONNECT PRESS
ASSEMBLY 232



CLAMP 211



CONNECT MOULD
ASSEMBLY 233