

High-temperature hose, super-heavy

Application

- 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)

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- 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

- 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

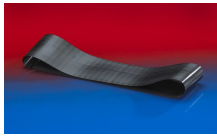
- further diameters and lengths available on request
- black (standard)
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 50	61.00	3,615	1,000	134.00	1.00	10 15	356-0050-1015
2 / 51	62.00	3,505	1,000	134.00	1.02	10 15	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 15	356-0063-1015
- / 70	82.00	2,630	1,000	186.00	1.37	10 15	356-0070-1015
- / 75	87.00	2,460	1,000	195.00	1.46	10 15	356-0075-1015
3 / 76	88.00	2,455	1,000	195.00	1.48	10 15	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 15	356-0102-1015
4,72 / 120	133.00	1,730	0,965	330.00	2.69	10 15	356-0120-1015
5 / 127	140.00	1,705	0,935	336.00	2.84	10 15	356-0127-1015
6 / 152	165.00	1,350	0,825	435.00	3.72	10 15	356-0152-1015

Accessories



CONNECT 245 VAC-TRUCK



CONNECT 228



CONNECT THREAD FITTING 234



CONNECT MOULD ASSEMBLY 233



CLAMP 216



CONNECT PRESS ASSEMBLY 232



CONNECT SAFETY CLAMP ASSEMBLY 231



CLAMP 211