

AIRDUC® PUR 355 HT

High-temperature hose, 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 device, vacuum hopper/ conveyor, suction conveyor, dosing system, bulk-bag (big bag)-charging and discharging, shredder, mill, extruder, injection moulding machine
film blowing machine, cooling air at the extrusion tool
offset printing machine: air supply, air supply cabinet
textile industry, steam soaking: steam iron, industrial ironing machine, smoothing iron
raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
compressor, side channel blower, vacuum pump, pressure pump, pump

Properties:

heavy duty
highly abrasion resistant
very good heat resistance (better than comparable TPE and Neoprene)
increased pressure and vacuum resistance
good resistance to oil, gasoline, and chemicals
very good low temperature flexibility
according to DIN 26057 Type 3
conforms to RoHS guideline

Temperature range

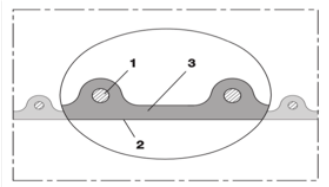
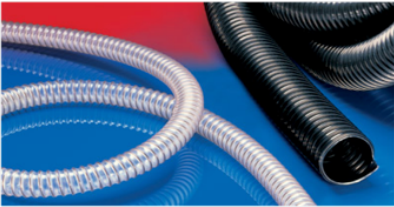
-40°F to 255°F
short time to 300°F

Design, material:

- AIRDUC® profile hose
1. spring steel wire firmly embedded in the wall
2. wall: special premium high-temperature polyurethane HT-PUR (Pre-PUR®)
3. wall thickness 0.055 - 0.060 inch approximate

Delivery variants:

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



I.D. in/mm	O.D. in	Pressure psi	Vacuum DIN inHg	Bending Radius in	Weight lbs./ft	Stock length ft	Order No.	Order No.	Article Name	suitable fo
1.5 / 38	1.89	40.85	26.87	1.42	0.350	25	355-0038-1015	35500381015-0000002500	AIRDUC® PUR 355 HT	Yes
1.5 / 38	1.89	40.85	26.87	1.42	0.350	25	355-0038-3040	35500383040-0000002500	AIRDUC® PUR 355 HT	Yes
1.5 / 38	1.89	40.85	26.87	1.42	0.350	50	355-0038-1015	35500381015-0000005000	AIRDUC® PUR 355 HT	Yes
1.5 / 38	1.89	40.85	26.87	1.42	0.350	50	355-0038-3040	35500383040-0000005000	AIRDUC® PUR 355 HT	Yes
2 / 50-51	2.36	31.55	20.38	1.73	0.445	25	355-0050-1015	35500501015-0000002500	AIRDUC® PUR 355 HT	Yes
2 / 50-51	2.36	31.55	20.38	1.73	0.445	25	355-0050-3040	35500503040-0000002500	AIRDUC® PUR 355 HT	Yes
2 / 50-51	2.36	31.55	20.38	1.73	0.445	50	355-0050-3040	35500503040-0000005000	AIRDUC® PUR 355 HT	Yes
2 / 50-51	2.36	31.55	20.38	1.73	0.445	50	355-0050-1015	35500501015-0000005000	AIRDUC® PUR 355 HT	Yes
2.5 / 63-65	2.95	24.60	15.65	2.11	0.565	25	355-0065-1015	35500651015-0000002500	AIRDUC® PUR 355 HT	Yes
2.5 / 63-65	2.95	24.60	15.65	2.11	0.565	50	355-0065-3040	35500653040-0000005000	AIRDUC® PUR 355 HT	Yes
2.5 / 63-65	2.95	24.60	15.65	2.11	0.565	25	355-0065-3040	35500653040-0000002500	AIRDUC® PUR 355 HT	Yes
2.5 / 63-65	2.95	24.60	15.65	2.11	0.565	50	355-0065-1015	35500651015-0000005000	AIRDUC® PUR 355 HT	Yes
3 / 75-76	3.39	21.40	12.85	3.17	0.705	50	355-0075-1015	35500751015-0000005000	AIRDUC® PUR 355 HT	Yes
3 / 75-76	3.39	21.40	12.85	3.17	0.705	25	355-0075-1015	35500751015-0000002500	AIRDUC® PUR 355 HT	Yes
4 / 100-102	4.37	16.15	10.48	4.06	1.000	50	355-0100-3040	35501003040-0000005000	AIRDUC® PUR 355 HT	Yes
4 / 100-102	4.37	16.15	10.48	4.06	1.000	25	355-0100-1015	35501001015-0000002500	AIRDUC® PUR 355 HT	Yes
4 / 100-102	4.37	16.15	10.48	4.06	1.000	50	355-0100-1015	35501001015-0000005000	AIRDUC® PUR 355 HT	Yes
4 / 100-102	4.37	16.15	10.48	4.06	1.000	25	355-0100-3040	35501003040-0000002500	AIRDUC® PUR 355 HT	Yes
5 / 125-127	5.35	13.05	8.42	4.90	1.235	25	355-0125-1015	35501251015-0000002500	AIRDUC® PUR 355 HT	Yes
5 / 125-127	5.35	13.05	8.42	4.90	1.235	50	355-0125-1015	35501251015-0000005000	AIRDUC® PUR 355 HT	Yes
6 / 150-152	6.34	10.90	7.68	5.79	1.620	25	355-0150-1015	35501501015-0000002500	AIRDUC® PUR 355 HT	Yes
6 / 150-152	6.34	10.90	7.68	5.79	1.620	50	355-0150-1015	35501501015-0000005000	AIRDUC® PUR 355 HT	Yes
8 / 200-203	8.39	8.20	3.84	7.64	2.095	25	355-0200-1015	35502001015-0000002500	AIRDUC® PUR 355 HT	Yes