

Antistatic polyurethane hose, heavy duty, grounding wire

Application

- flexible hose/ ducting for high volume of abrasive powder, bulk material, granulate and for gases
- vacuum conveying equipment, vacuum hopper, suction conveyor, dosing system
- 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
- explosion hazard area
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- silos, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging
- silos, silo vehicle/ silo truck, tanker/ tank truck: conveying of wood pellets, plastic granulate, plastic powder
- wood pellet heating system: conveying of wood pellets

Properties

- heavy duty
- highly abrasion resistant

- highly abrasion resistant
- increased pressure and vacuum resistance
- good resistance to chemicals
- phthalate-free
- grounding wire for discharging of electrostatic charging
- electrical and surface resistance of the inliner $<10^9$
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature range

- 5°F to 160°F
- short time to 175°F

- NORPLAST® full plastic hose
- hard plastic spiral integrated in wall
- spiral: rigid PVC
- smooth interior
- Wall: antistatic polyurethane inside layer 0,7mm - 1,0 mm approx., exterior soft PVC
- Hybrid grounding wire (carbon + polyester + copper)

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colors: colored spiral, full colored
- 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)	

special type - conveying of seed and fertilizers: seeding machine, seed drill, drilling machine; UV stabilized; smooth exterior; smaller bending radius; spiral: grey RAL 7037; without grounding wire; permanently antistatic wall: in accordance with IS

- / 30	1.457	72.520	20.671	6.114	0.276	30	-	386-0030-4726
1,25 / 32	1.535	72.520	20.671	6.512	0.302	30	-	386-0032-4726

Standard version

1,25 / 32	1.535	72.520	20.671	6.512	0.302	-	15 30	386-0032-0000
1,5 / 38	1.811	72.520	20.671	7.705	0.397	15 30	-	386-0038-0000
- / 40	1.921	72.520	20.671	8.071	0.417	15 20 30	-	386-0040-0000
1,75 / 44-45	2.087	72.520	20.671	8.988	0.504	15 30	-	386-0045-0000
2 / 50-51	2.323	72.520	20.671	10.000	0.591	15 20 30	-	386-0050-0000
2,36 / 60	2.717	72.520	20.671	11.835	0.712	15 20 30	-	386-0060-0000
2,5 / 63-65	2.835	72.520	20.671	12.386	0.759	15 30	-	386-0063-0000
- / 70	3.110	72.520	20.671	13.669	0.860	15 30	-	386-0070-0000

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com/us/technology/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68°F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

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)	
3 / 75-76	3.346	72.520	20.671	14.768	0.981	15 30	-	386-0076-0000
- / 80	3.543	58.016	20.671	15.594	1.095	15 30	-	386-0080-0000
3,5 / 89-90	3.937	58.016	20.671	17.429	1.304	15 30	-	386-0090-0000
4 / 100-102	4.409	58.016	20.671	19.630	1.552	15 30	-	386-0102-0000

special type - plastic industry: vacuum hopper, suction conveyor, dosing system, bulk-bag -charging and discharging, shredder, mill, extruder, injection moulding machine; UV stabilized; spiral: grey RAL 7037; not for conveying combustible dusts								
1,5 / 38	1.811	72.520	20.671	7.705	0.403	30	-	386-0038-6194
- / 40	1.921	72.520	20.671	8.071	0.417	30	-	386-0040-6194
1,75 / 44-45	2.087	72.520	20.671	8.988	0.517	30	-	386-0045-6194
2 / 50-51	2.323	72.520	20.671	10.000	0.558	30	-	386-0050-6194
2,36 / 60	2.717	72.520	20.671	11.835	0.840	30	-	386-0060-6194
2,5 / 63-65	2.835	72.520	20.671	12.386	0.901	30	-	386-0065-6194

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com/us/technology/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68°F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

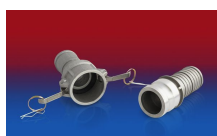
Accessories



CONNECT MOULD
ASSEMBLY 233



CONNECT 270-271



CONNECT KAMLOK
ALU 253



CLAMP 211



CONNECT STORZ
DIN ALU 251



CONNECT KARDAN
254