



Polyurethane hose, extremely heavy

Applications

- hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone
- vacuum truck, suction vehicle, dry suction truck: industrial cleaning, furnace cleaning
- suction vehicles: roof gravelling, roof gravel conveying
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- silos and tankers: silo charging, silo discharging
- silo and tankers: conveying of wood pellets, plastic granulate, plastic powder

Properties

- extremely heavy duty
- extremely abrasion resistant
- very high pressure, vacuum and compression resistance
- good resistance to chemicals
- very good low temperature flexibility
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- -15 °C to 60 °C

Design

- Full plastic hose
- hard plastic spiral integrated in wall
- spiral: rigid PVC
- smooth interior
- wall: premium polyurethane (Pre-PUR®) inside layer, exterior soft PVC

Delivery variants

- further diameters and lengths available on request
- red inner tube + green exterior wall (standard)
- customer-specific branding

I.D.	outer Ø	Vacuum	Operating pressure (20 °C)	Bending Radius	Weight	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
1,25 / 32	43.00	0,800	8,500	192.00	0.72	50	4650-032-000
- / 40	51.00	0,800	8,000	240.00	0.95	50	4650-040-000
1,75 / 44-45	56.00	0,800	7,500	270.00	1.00	50	4650-045-000
2 / 50-51	63.00	0,800	7,500	306.00	1.18	50	4650-050-000
2,36 / 60	73.00	0,800	7,000	360.00	1.40	50	4650-060-000
3 / 75-76	91.00	0,800	5,500	456.00	2.20	50	-
4 / 100-102	118.00	0,800	4,000	612.00	3.20	30	4650-100-000
5 / 125-127	147.00	0,800	3,500	762.00	4.45	30	4650-125-000

Accessories



CLAMP 211

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/.