



Polyurethane hose, extremely heavy duty

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
- silo, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging
- silo, silo vehicle/ silo truck, tanker/ tank truck: 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

- 5° F to 140° F

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 (68° F)	Bending radius	Weight	Production lengths	Order No.
(in / mm)	(in)	(inHG)	(bar)	(in)	(lb/ft)	(ft)	
1,25 / 32	1.693	23.624	8,500	7.559	0.484	100	4650-032-000
- / 40	2.008	23.624	8,000	9.449	0.638	100	4650-040-000
1,75 / 44-45	2.205	23.624	7,500	10.630	0.672	100	4650-045-000
2 / 50-51	2.480	23.624	7,500	12.047	0.793	100	4650-050-000
2,36 / 60	2.874	23.624	7,000	14.173	0.941	100	4650-060-000
3 / 75-76	3.583	23.624	5,500	17.953	1.478	100	-
4 / 100-102	4.646	23.624	4,000	24.094	2.151	60	4650-100-000
5 / 125-127	5.787	23.624	3,500	30.000	2.991	60	4650-125-000

Accessories



CLAMP 211