



Extremely flexible thermoplastic suction and discharge hose

Applications

- for the transport of (industrial) water, dung and irrigation systems under medium working conditions
- Bestseller in agriculture

Properties

- Due to the use of high quality thermoplastic more flexible under cold circumstances

- According to the norm EN ISO 1307:2008
- Vacuum up to 0.9 bar

Temperature Range

- -25 °C to 60 °C

Design

- PVC inner layer
- PVC outer layer
- Corrugated construction cover
- Rigid PVC spiral
- smooth interior

Delivery variants

- grey inner tube, grey exterior wall, blue spiral (standard)

I.D.	outer Ø	Vacuum	Operating pressure (20 °C)	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
1 / 25	33.00	0,900	7,000	90.00	0.40	50	4450-025-000
1,25 / 32	41.00	0,900	6,000	112.00	0.54	50	4450-032-000
1,5 / 38	47.00	0,900	6,000	133.00	0.65	50	4450-038-000
2 / 50-51	62.00	0,900	5,000	180.00	1.05	50	4450-050-000
2,5 / 63-65	74.00	0,900	4,500	225.00	1.30	50	4450-063-000
3 / 75-76	88.00	0,900	4,000	266.00	1.60	50	4450-075-000
3,5 / 89-90	103.00	0,900	3,500	315.00	1.85	50	4450-090-000
4 / 100-102	115.00	0,900	3,000	357.00	2.20	50	4450-100-000
- / 110	124.00	0,900	3,000	385.00	2.40	20	4450-110-000
5 / 125-127	143.00	0,900	2,500	450.00	3.10	20	4450-125-000
6 / 150-152	170.00	0,900	2,000	532.00	4.20	4 5 6 20	4450-150-000
8 / 200-203	228.00	0,900	1,500	715.00	9.50	4 5 6	4450-200-000

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/.