



Suction hose and pressure hose according to UL94-V0, DIN 4102-B1, DIN 5510-2 (S2, SR2, ST2), NF P 92-507 M3, medium-heavy

Application

- flexible hose/ ducting for high throughput of abrasive powder, bulk material, granulate and for gases
- Industrial and municipal wastewater treatment plant, pressure diffusion with fine bubbles, oxygen input for nitrification in activation basins, permanent and intermittent ventilation

Properties

- medium-heavy duty
- highly abrasion resistant
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals

- flame-retardant according to: UL94-V0, DIN4102-B1, DIN 5510-2 (S4, SR2, ST2), FMVSS 302, NF P 92-507 M3
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 40°C to 90°C
- short time to 125°C

Design

- AIRDUC® profile hose

- spring steel wire spiral embedded in wall
- wall: special premium polyurethane with flame retardant additive (Pre-PUR®)
- wall thickness 0,9 mm approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colours: transparent, partially coloured, completely coloured
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 40	48.00	1,740	0,355	53.00	0.34	10 15	352-0040-0000
2 / 50-51	58.00	1,405	0,285	64.00	0.42	10 15	352-0050-0000
2,36 / 60	68.00	1,175	0,235	75.00	0.50	10 15	352-0060-0000
2,5 / 63-65	73.00	1,090	0,220	80.00	0.54	10 15	352-0065-0000
- / 70	79.00	1,010	0,150	87.00	0.60	10 15	352-0070-0000
3 / 75-76	84.00	0,945	0,140	92.00	0.64	10 15	352-0075-0000
- / 80	89.00	0,890	0,130	98.00	0.68	10 15	352-0080-0000
3,5 / 89-90	99.00	0,790	0,115	109.00	0.76	10 15	352-0090-0000
4 / 100-102	109.00	0,715	0,110	120.00	0.97	10 15	352-0100-0000
- / 110	119.00	0,650	0,100	131.00	1.06	10 15	352-0110-0000
4,5 / 114-115	124.00	0,620	0,095	136.00	1.11	10 15	352-0115-0000
4,72 / 120	129.00	0,595	0,090	142.00	1.16	10 15	352-0120-0000
5 / 125-127	134.00	0,575	0,090	147.00	1.20	10 15	352-0125-0000
- / 130	139.00	0,550	0,085	153.00	1.25	10 15	352-0130-0000
5,5 / 140	149.00	0,510	0,080	164.00	1.34	10 15	352-0140-0000
6 / 150-152	159.00	0,480	0,065	175.00	1.52	10 15	352-0150-0000
6,3 / 160	169.00	0,450	0,065	186.00	1.61	10 15	352-0160-0000
- / 175	184.00	0,410	0,060	202.00	1.76	10 15	352-0175-0000
7 / 178-180	189.00	0,400	0,055	208.00	1.81	10 15	352-0180-0000
8 / 200-203	209.00	0,360	0,050	230.00	2.01	10 15	352-0200-0000
- / 225	234.00	0,320	0,040	257.00	2.16	10 15	352-0225-0000
- / 250	259.00	0,290	0,035	285.00	2.34	10 15	352-0250-0000
- / 275	284.00	0,260	0,035	312.00	2.63	10	352-0275-0000
11 / 280	289.00	0,260	0,030	318.00	2.68	10	352-0280-0000
- / 300	309.00	0,240	0,030	340.00	2.86	10	352-0300-0000
- / 315	324.00	0,230	0,030	356.00	3.01	10	352-0315-0000

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/



I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 325	334.00	0,220	0,030	367.00	3.10	10	352-0325-0000
- / 350	359.00	0,205	0,025	395.00	3.34	10	352-0350-0000
- / 400	409.00	0,180	0,025	450.00	4.28	10	352-0400-0000
- / 450	459.00	0,160	0,020	508.00	4.80	10	352-0450-0000
- / 500	509.00	0,145	0,020	565.00	5.33	10	352-0500-0000

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Accessories



CLAMP 212



CONNECT 270-271



CLAMP 208

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