



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 intermitten 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



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

Accessories



CLAMP 208



CLAMP 212



CONNECT 270-271