

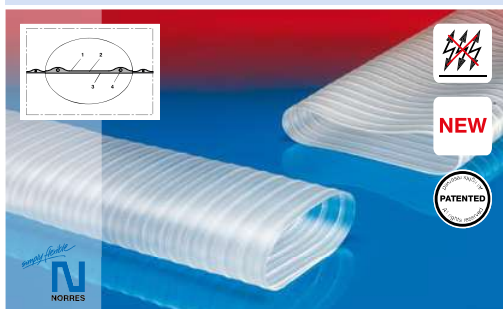


Polyurethan (Pre-PUR®) food hoses

Content

PROTAPE® PUR-C 335 FOOD-AS FLAT Screening machine hose and compensator, vibration resistant	-40°C to 90°C	33
CP PUR 455 FOOD Food hose and pharmaceutical hose, super-light	-40°C to 90°C	33
PROTAPE® PUR 330 FOOD Food hose and pharmaceutical hose, light	-40°C to 90°C	34
PROTAPE® PUR-INOX 330 FOOD-AS Antistatic food hose and pharmaceutical hose, light, stainless steel (INOX)	-40°C to 90°C	34
AIRDUC® PUR 350 FOOD-AS Antistatic food hose and pharmaceutical hose, medium-heavy	-40°C to 90°C	35
AIRDUC® PUR 351 FOOD Food hose and pharmaceutical hose, medium-heavy and reinforced	-40°C to 90°C	36
AIRDUC® PUR-INOX 351 FOOD-AS Antistatic food hose and pharmaceutical hose, medium-heavy and reinforced, stainless steel (INOX) ..	-40°C to 90°C	36
AIRDUC® PUR 355 FOOD Food hose and pharmaceutical hose, heavy	-40°C to 90°C	37
AIRDUC® PUR-INOX 355 FOOD-AS Antistatic food hose and pharmaceutical hose, heavy, stainless steel (INOX)	-40°C to 90°C	37
AIRDUC® PUR 356 FOOD Food hose and pharmaceutical hose, super-heavy	-40°C to 90°C	38
AIRDUC® PUR-INOX 356 FOOD-AS Antistatic food hose and pharmaceutical hose, super-heavy, stainless steel (INOX)	-40°C to 90°C	38
AIRDUC® PUR 356 FOOD REINFORCED Food hose and pharmaceutical hose, super-heavy and reinforced	-40°C to 90°C	39
BARDUC® PUR-INOX 382 FOOD-AS Antistatic food/ pharma hose, super-heavy + reinforced, smooth in/exterior, stainless steel (INOX) ...	-40°C to 90°C	39

PROTAPE® PUR-C 335 FOOD-AS FLAT



Screening machine hose and compensator, vibration resistant

Applications: food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; explosion hazard area; screening machine/ sifting machine, vibration screening machine, tumbler screening machine, plansifter, windsifter; bellows, compensators

Properties: highly flexible; abrasion-resistant; vibration resistant; food grade wall, complies with: EU Directive 10/2011, incl. the latest Amending Directive 2015/174, FDA 21 CFR 177.2600; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; permanently antistatic wall: electrical and surface resistance $<10^9 \Omega$; in accordance with ATEX 2014/34/EU and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases); conforms to RoHS guideline

I.D.	O.D.	Over-pressure	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	kg/m	m	
2 / 50-51	55	0,580	0,310	2	335-0050-0000
2,36 / 60	65	0,560	0,370	2	335-0060-0000
- / 80	85	0,510	0,470	5	335-0080-0000
- / 85	90	0,480	0,500	5	335-0085-0000
4 / 100-102	105	0,410	0,590	5	335-0100-0000
- / 110	115	0,375	0,650	5	335-0110-0000
4,72 / 120	125	0,340	0,700	5	335-0120-0000
5 / 125-127	130	0,330	0,730	5	335-0125-0000
6 / 150-152	155	0,275	0,880	5	335-0150-0000
- / 155	160	0,265	0,900	5	335-0155-0000
6,5 / 165	170	0,250	0,960	5	335-0165-0000
7 / 178-180	185	0,230	1,050	5	335-0180-0000
8 / 200-203	205	0,205	1,140	5	335-0200-0000
- / 205	210	0,200	1,190	5	335-0205-0000
- / 250	255	0,165	1,450	5	335-0250-0000
- / 275	280	0,150	1,590	5	335-0275-0000
12 / 305	310	0,135	1,770	5	335-0305-0000
16 / 405-406	410	0,105	2,340	5	335-0405-0000

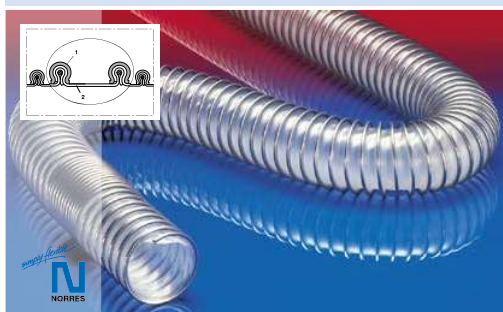
Temperature Range: -40°C to 90°C; short time to 125°C

Design, Material: patented PROTAPE® tape hose; wall interior and exterior smooth; wall: permanently antistatic premium ether-polyurethane (Pre-PUR®); wall thickness 1,0 mm approx.; wall interior smooth; grounding wire

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 208, 211, 228, 270-271

CP PUR 455 FOOD



Food hose and pharmaceutical hose, super-light

Applications: flexible hose/ ducting for gases and for abrasive dust, powder, fibres; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; bellows, compensators

Properties: abrasion protection via external Clamp profile; secure clamping of the wall within the Clamp profile; highly flexible + compressible 5:1; abrasion-resistant; food grade wall, complies with: EU Directive 10/2011, incl. the latest Amending Directive 2015/174, FDA 21 CFR 177.2600; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; conforms to RoHS guideline

Temperature Range: -40°C to 90°C; short time to 125°C

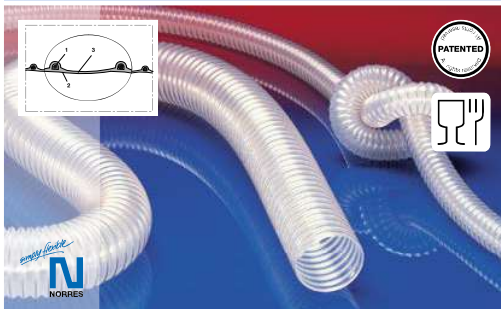
Design, Material: CP construction; Clamp profile supporting spiral: galvanised steel; wall: special premium ether-polyurethane (Pre-PUR®)

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
2 / 50-51	62	0,280	0,270	25	0,660	6	455-0050-0000
2,36 / 60	72	0,235	0,220	28	0,770	6	455-0060-0000
2,5 / 63-65	77	0,215	0,200	30	0,830	6	455-0065-0000
3 / 75-76	87	0,190	0,160	33	0,950	6	455-0075-0000
- / 80	92	0,175	0,140	34	1,010	6	455-0080-0000
3,5 / 89-90	102	0,155	0,100	37	1,130	6	455-0090-0000
4 / 100-102	112	0,140	0,085	40	1,070	6	455-0100-0000
- / 110	122	0,130	0,075	43	1,170	3 6	455-0110-0000
4,5 / 114-115	127	0,125	0,070	45	1,220	3 6	455-0115-0000
4,72 / 120	132	0,120	0,065	46	1,270	3 6	455-0120-0000
5 / 125-127	137	0,110	0,060	48	1,320	3 6	455-0125-0000
5,5 / 140	152	0,100	0,040	52	1,470	3 6	455-0140-0000
6 / 150-152	162	0,095	0,035	55	1,630	3 6	455-0150-0000
6,3 / 160	172	0,090	0,030	58	1,740	3 6	455-0160-0000
- / 170	182	0,080	0,030	61	1,840	3 6	455-0170-0000
7 / 178-180	192	0,080	0,025	64	1,950	3 6	455-0180-0000
8 / 200-203	212	0,070	0,020	70	2,150	3 6	455-0200-0000
- / 225	237	0,060	0,020	78	2,420	3 6	455-0225-0000
- / 250	262	0,055	0,015	85	2,680	3 6	455-0250-0000
- / 300	312	0,045	0,010	100	3,200	3 6	455-0300-0000
- / 350	362	0,040	0,010	115	3,720	3 6	455-0350-0000
- / 400	412	0,035	0,005	130	4,250	3 6	455-0400-0000
- / 450	462	0,030	0,005	145	4,770	3 6	455-0450-0000
- / 500	512	0,030	0,005	160	5,290	3 6	455-0500-0000
- / 600	612	0,025	0,005	190	6,340	3 6	455-0600-0000
- / 700	712	0,020	0,002	220	7,380	3 6	455-0700-0000
- / 800	812	0,020	0,001	250	8,430	3 6	455-0800-0000
- / 900	912	0,015	0,001	280	9,480	3 6	455-0900-0000
- / 1000	1012	0,015	0,001	310	10,540	3 6	455-1000-0000

Delivery variants: further diameters and lengths available on request; transparent (standard); stainless steel (INOX) Clamp profile; double-layer

Accessories: 212, 217, 213, 228, 270-271

PROTAPE® PUR 330 FOOD



Food hose and pharmaceutical hose, light

Applications: flexible hose/ ducting for gases and for abrasive dust, powder, fibres; food industry, pharmaceutical industry; foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; extraction arm; clean room ventilation, semiconductor production machine; medical device/ medical technology, healthcare sector; cable protection conduit, air supply hose, extraction hose

Properties: lightweight and reinforced; highly flexible + compressible 3:1; abrasion-resistant; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600 and 178.2010; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; conforms to RoHS guideline

Temperature Range: -40°C to 90°C; short time to 125°C

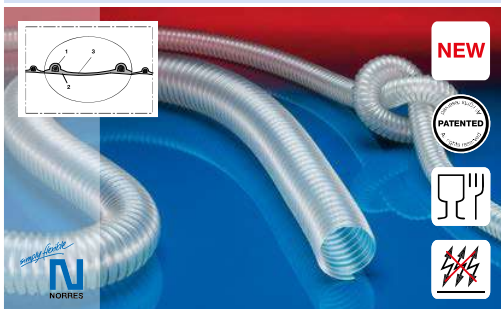
Design, Material: patented PROTAPE® tape hose; spring steel wire integrated in wall; wall: special premium ether-polyurethane (Pre-PUR®); wall thickness 0,6 mm approx.

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
1 / 25	32	1,600	0,370	20	0,170	5 10	330-0025-0000
- / 30	37	1,345	0,355	22	0,200	5 10	330-0030-0000
1,25 / 32	39	1,260	0,350	23	0,210	5 10 15	330-0032-0000
1,5 / 38	45	1,060	0,320	26	0,250	5 10 15	330-0038-0000
- / 40	47	1,015	0,315	27	0,280	5 10 15	330-0040-0000
2 / 50-51	58	0,815	0,275	33	0,360	5 10 15	330-0050-0000
2,36 / 60	68	0,680	0,258	38	0,430	5 10 15	330-0060-0000
2,5 / 63-65	73	0,630	0,225	41	0,470	5 10	330-0065-0000
- / 70	78	0,585	0,188	43	0,500	5 10 15	330-0070-0000
3 / 75-76	83	0,545	0,156	46	0,530	5 10 15	330-0075-0000
- / 80	88	0,510	0,145	48	0,570	5 10 15	330-0080-0000
3,5 / 89-90	98	0,455	0,135	53	0,630	5 10 15	330-0090-0000
4 / 100-102	108	0,410	0,120	58	0,660	5 10 15	330-0100-0000
- / 110	118	0,375	0,095	63	0,730	5 10 15	330-0110-0000
4,5 / 114-115	123	0,355	0,085	66	0,760	5 10 15	330-0115-0000
4,72 / 120	128	0,340	0,085	68	0,790	5 10	330-0120-0000
5 / 125-127	133	0,330	0,078	71	0,820	10 15	330-0125-0000
- / 130	138	0,315	0,063	73	0,850	5 10	330-0130-0000
5,5 / 140	148	0,295	0,063	78	0,920	5 10 15	330-0140-0000
6 / 150-152	158	0,275	0,063	83	0,980	5 10 15	330-0150-0000
6,3 / 160	168	0,255	0,058	88	1,040	5 10 15	330-0160-0000
- / 175	183	0,235	0,048	96	1,140	5 10	330-0175-0000
7 / 178-180	188	0,230	0,042	98	1,170	5 10 15	330-0180-0000
8 / 200-203	208	0,205	0,042	108	1,540	5 10 15	330-0200-0000
- / 225	233	0,180	0,042	121	1,750	5 10 15	330-0225-0000
- / 250	258	0,165	0,032	133	1,900	5 10 15	330-0250-0000
10 / 254	262	0,165	0,016	135	1,940	5 10 15	330-0254-0000
- / 300	309	0,135	0,016	159	2,530	5 10 15	330-0300-0000
- / 350	359	0,115	0,010	184	2,950	5 10	330-0350-0000
- / 400	409	0,105	0,010	209	3,360	5 10	330-0400-0000
- / 450	459	0,090	0,010	234	3,770	5 10	330-0450-0000
- / 500	510	0,080	0,005	260	5,160	5 10	330-0500-0000

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 212, 217, 213, 228, 223, 270-271

PROTAPE® PUR-INOX 330 FOOD-AS



Antistatic food hose and pharmaceutical hose, light, stainless steel (INOX)

Applications: flexible hose/ ducting for gases and for abrasive dust, powder, fibres; food industry, pharmaceutical industry; foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; extraction arm; explosion hazard area

Properties: lightweight and reinforced; highly flexible + compressible 3:1; abrasion-resistant; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals;

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
- / 40	47	1,015	0,315	27	0,280	5 10	330-0040-1018
2 / 50-51	58	0,815	0,275	33	0,360	5 10	330-0050-1018
2,36 / 60	68	0,680	0,258	38	0,430	5 10	330-0060-1018
2,5 / 63-65	73	0,630	0,225	41	0,470	5 10	330-0065-1018
- / 70	78	0,585	0,188	43	0,500	5 10	330-0070-1018
3 / 75-76	83	0,545	0,156	46	0,530	5 10	330-0075-1018
- / 80	88	0,510	0,145	48	0,570	5 10	330-0080-1018
4 / 100-102	108	0,410	0,120	58	0,660	5 10	330-0100-1018
5 / 125-127	133	0,330	0,078	71	0,820	5 10	330-0125-1018
6 / 150-152	158	0,275	0,063	83	0,980	5 10	330-0150-1018
7 / 178-180	188	0,215	0,042	98	1,160	5 10	330-0180-1018
8 / 200-203	208	0,205	0,042	108	1,290	5 10	330-0200-1018

very good low temperature flexibility; permanently antistatic wall: electrical and surface resistance <10⁹ Ω; in accordance with ATEX 2014/34/EU and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases); conforms to RoHS guideline

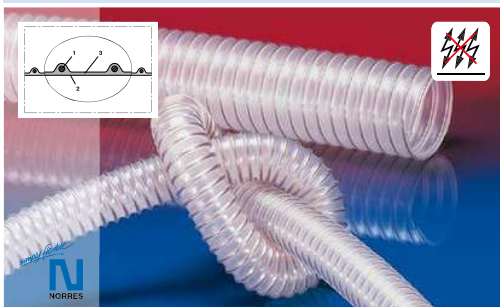
Temperature Range: -40°C to 90°C

Design, Material: patented PROTAPE® tape hose; spring steel wire integrated in wall; spiral: stainless steel wire (INOX); wall: permanently antistatic premium ether-polyurethane (Pre-PUR®); wall thickness 0,6 mm approx.

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 212, 217, 213, 228, 223, 270-271

AIRDUC® PUR 350 FOOD-AS

**Antistatic food hose and pharmaceutical hose, medium-heavy**

Applications: flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; explosion hazard area; clean room ventilation, semiconductor production machine; paper mill, paper and pulp industry; waste water, air extraction; medical device/ medical technology, healthcare sector: cable protection conduit, air supply hose, extraction hose

Properties: medium-heavy duty; highly abrasion resistant; food grade wall, complies with: FDA 21 CFR Part 177.1680 and 177.2600; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; permanently antistatic wall: electrical and surface resistance <10⁹ Ω; in accordance with ATEX 2014/34/EU and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases); according to DIN 26057 Type 2; conforms to RoHS guideline

Temperature Range: -40°C to 90°C; short time to 125°C

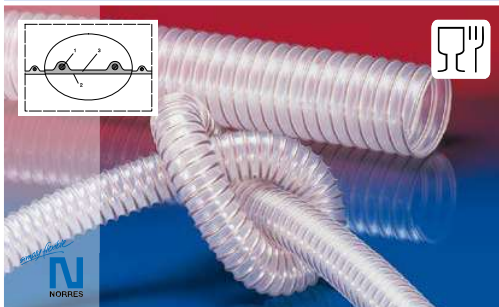
Design, Material: AIRDUC® profile hose; spring steel wire firmly embedded in wall; wall: permanently antistatic premium ether-polyurethane (Pre-PUR®); wall thickness 0,7 mm approx.

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
1 / 25	32	2,585	0,610	23	0,190	5 10	350-0025-0000
- / 30	37	2,245	0,585	26	0,250	5 10	350-0030-0000
1,25 / 32	39	2,105	0,570	27	0,270	5 10	350-0032-0000
1,5 / 38	45	1,780	0,525	31	0,310	5 10	350-0038-0000
- / 40	47	1,360	0,505	32	0,330	5 10	350-0040-0000
1,75 / 44-45	52	1,390	0,460	35	0,370	5 10	350-0045-0000
2 / 50-51	57	1,350	0,435	38	0,400	5 10 15 20	350-0050-0000
- / 55	62	1,240	0,395	41	0,440	5 10	350-0055-0000
2,36 / 60	67	1,140	0,338	44	0,480	5 10 15	350-0060-0000
2,5 / 63-65	70	1,020	0,295	47	0,520	5 10	350-0065-0000
- / 70	77	0,975	0,245	50	0,560	5 10	350-0070-0000
3 / 75-76	82	0,910	0,220	53	0,590	5 10	350-0075-0000
- / 80	87	0,855	0,190	56	0,640	5 10 15	350-0080-0000
3,5 / 89-90	97	0,760	0,160	62	0,720	5 10	350-0090-0000
4 / 100-102	107	0,690	0,115	68	0,800	5 10 15	350-0100-0000
- / 110	117	0,625	0,105	74	0,870	5 10	350-0110-0000
4,5 / 114-115	122	0,600	0,100	77	0,900	5 10	350-0115-0000
4,72 / 120	127	0,570	0,095	80	0,950	5 10	350-0120-0000
5 / 125-127	132	0,550	0,080	83	0,980	5 10	350-0125-0000
- / 130	137	0,525	0,080	86	1,010	5 10	350-0130-0000
5,5 / 140	147	0,490	0,080	92	1,090	5 10	350-0140-0000
6 / 150-152	157	0,455	0,075	98	1,400	5 10 15	350-0150-0000
6,3 / 160	167	0,415	0,065	104	1,500	5 10	350-0160-0000
- / 170	177	0,390	0,060	108	1,580	5 10	350-0170-0000
- / 175	182	0,355	0,050	113	1,630	5 10	350-0175-0000
7 / 178-180	187	0,350	0,050	116	1,670	5 10	350-0180-0000
8 / 200-203	207	0,315	0,050	128	1,860	5 10 15	350-0200-0000
- / 225	232	0,265	0,035	143	2,080	5 10	350-0225-0000
- / 250	257	0,240	0,020	158	2,310	5 10	350-0250-0000
10 / 254	261	0,236	0,020	160	2,350	5 10	350-0254-0000
- / 275	282	0,220	0,020	173	2,540	5 10	350-0275-0000
11 / 280	287	0,210	0,020	176	2,590	5 10	350-0280-0000
- / 300	307	0,200	0,020	188	2,770	5 10	350-0300-0000
12 / 305	312	0,196	0,018	191	2,810	5 10	350-0305-0000
- / 350	357	0,170	0,015	218	3,220	5 10	350-0350-0000
14 / 356	363	0,167	0,010	222	3,340	5 10	350-0356-0000
- / 400	407	0,150	0,010	248	4,170	5 10	350-0400-0000
- / 450	457	0,135	0,010	281	4,690	5 10	350-0450-0000
- / 500	507	0,120	0,010	313	5,200	5 10	350-0500-0000

Accessories: 212, 217, 213, 228, 233, 234, 247, 249, 240 + 241 FOOD, 242, 243 FOOD, 244 FOOD, 245 FOOD, 246 FOOD, 223, 270-271

AIRDUC® PUR 351 FOOD



Food hose and pharmaceutical hose, medium-heavy and reinforced

Applications: flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; vacuum conveying device, vacuum hopper, suction conveyor, dosing system; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; industrial vacuum cleaners, vacuum cleaners

Properties: medium-heavy duty; highly abrasion resistant; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600 and 178.2010; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; flameretardant according to: UL94-HB; conforms to RoHS guideline

Temperature Range: -40°C to 90°C; short time to 125°C

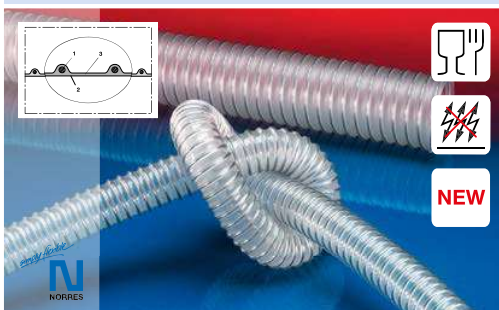
Design, Material: AIRDUC® profile hose; spring steel wire firmly embedded in wall; wall: special premium ether-polyurethane (Pre-PUR®); wall thickness 1,0 mm approx.

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
1 / 25	32	2,690	0,495	23	0,200	5 10 15	351-0025-0000
- / 30	38	2,260	0,475	27	0,260	5 10	351-0030-0000
1,25 / 32	40	2,120	0,460	28	0,280	5 10 15	351-0032-0000
1,36 / 35	43	1,940	0,440	30	0,300	5 10	351-0035-0000
1,5 / 38	46	1,795	0,430	32	0,320	5 10 15	351-0038-0000
- / 40	48	1,710	0,420	33	0,340	5 10 15	351-0040-0000
1,75 / 44-45	53	1,525	0,385	36	0,380	5 10	351-0045-0000
2 / 50-51	58	1,370	0,365	39	0,410	5 10 15 20	351-0050-0000
- / 55	63	1,255	0,330	42	0,450	5 10 15	351-0055-0000
2,36 / 60	68	1,150	0,285	45	0,490	5 10 15	351-0060-0000
2,5 / 63-65	73	1,060	0,255	48	0,530	5 10 15	351-0065-0000
- / 70	79	0,990	0,210	52	0,590	5 10 15	351-0070-0000
3 / 75-76	84	0,920	0,195	55	0,640	5 10 15	351-0075-0000
- / 80	89	0,860	0,175	58	0,680	5 10 15	351-0080-0000
3,5 / 89-90	99	0,770	0,155	64	0,750	5 10	351-0090-0000
4 / 100-102	109	0,690	0,120	70	0,970	5 10 15	351-0100-0000
- / 110	119	0,630	0,110	76	1,060	5 10 15	351-0110-0000
4,5 / 114-115	124	0,605	0,105	79	1,110	5 10	351-0115-0000
4,72 / 120	129	0,580	0,105	82	1,160	5 10 15	351-0120-0000
5 / 125-127	134	0,560	0,085	85	1,200	5 10 15	351-0125-0000
- / 130	139	0,535	0,085	88	1,250	5 10	351-0130-0000
5,5 / 140	149	0,495	0,085	94	1,340	5 10	351-0140-0000
6 / 150-152	159	0,460	0,075	100	1,520	5 10 15	351-0150-0000
6,3 / 160	169	0,435	0,065	106	1,610	5 10	351-0160-0000
- / 170	179	0,410	0,065	110	1,710	5 10	351-0170-0000
- / 175	184	0,400	0,055	115	1,760	5 10	351-0175-0000
7 / 178-180	189	0,385	0,055	118	1,810	5 10	351-0180-0000
8 / 200-203	209	0,350	0,055	130	2,000	5 10 15	351-0200-0000
- / 225	234	0,310	0,040	145	2,160	5 10	351-0225-0000
- / 250	259	0,280	0,020	160	2,390	5 10	351-0250-0000
- / 275	284	0,255	0,020	175	2,630	5 10	351-0275-0000
11 / 280	289	0,250	0,020	178	2,670	5 10	351-0280-0000
- / 300	309	0,230	0,020	190	2,860	5 10	351-0300-0000
- / 350	359	0,200	0,015	220	3,330	5 10	351-0350-0000
- / 400	409	0,170	0,010	250	4,270	5 10	351-0400-0000

Accessories: 212, 212 EC, 217, 213, 228, 233, 234, 247, 249, 240 + 241 FOOD, 242, 243 FOOD, 244 FOOD, 245 FOOD, 246 FOOD, 223, 270-271

AIRDUC® PUR-INOX 351 FOOD-AS



Antistatic food hose and pharmaceutical hose, medium-heavy and reinforced, stainless steel (INOX)

Applications: flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; vacuum conveying device, vacuum hopper, suction conveyor, dosing system; pelleting machines/ tablet presses; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; explosion hazard area

Properties: medium-heavy duty; highly abrasion resistant; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; permanently antistatic wall: electrical and surface resistance <10⁹ Ω; in accordance with ATEX 2014/34/EU and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
1 / 25	33	2,30	0,475	22	0,220	5 10	351-0025-1018
1,25 / 32	40	2,120	0,460	28	0,280	5 10	351-0032-1018
1,5 / 38	46	1,795	0,430	32	0,320	5 10	351-0038-1018
- / 40	48	1,710	0,420	33	0,340	5 10	351-0040-1018
2 / 50-51	58	1,370	0,365	39	0,410	5 10	351-0050-1018
2,36 / 60	68	1,150	0,285	45	0,490	5 10	351-0060-1018
2,5 / 63-65	73	1,060	0,255	48	0,590	5 10	351-0065-1018
- / 70	79	0,990	0,210	52	0,590	5 10	351-0070-1018
3 / 75-76	84	0,920	0,195	55	0,640	5 10	351-0075-1018
- / 80	89	0,860	0,175	58	0,680	5 10	351-0080-1018
4 / 100-102	109	0,690	0,120	70	0,970	5 10	351-0100-1018
5 / 125-127	134	0,560	0,085	85	1,200	5 10	351-0125-1018
6 / 150-152	159	0,460	0,075	100	1,520	5 10	351-0150-1018
7 / 178-180	189	0,385	0,055	118	1,810	5 10	351-0180-1018
8 / 200-203	209	0,345	0,055	133	2,030	5 10	351-0200-1018

of combustible dusts (Zone 22 inside), for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases); conforms to RoHS guideline

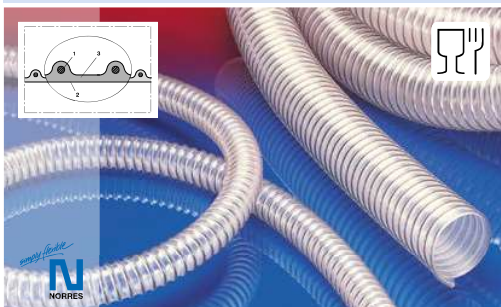
Temperature Range: -40°C to 90°C

Design, Material: AIRDUC® profile hose; spring steel wire firmly embedded in wall; spiral: stainless steel wire (INOX); wall: permanently antistatic premium ether-polyurethane (Pre-PUR®); wall thickness 1,0 mm approx.

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 212, 212 EC, 217, 213, 228, 233, 234, 247, 249, 240 + 241 FOOD, 242, 243 FOOD, 244 FOOD, 245 FOOD, 246 FOOD, 223, 270-271

AIRDUC® PUR 355 FOOD



Food hose and pharmaceutical hose, heavy

Applications: flexible hose/ ducting for high throughput of abrasive powder, bulk material, granulate and for gases; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; vacuum conveying device, vacuum hopper, suction conveyor, dosing system; pelleting machines/ tablet presses; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; airport, airplane, rail vehicle, train, railway, boat, ship/ vessel, yacht: toilet discharging/ disposal; industrial vacuum cleaners, vacuum cleaners; agricultural industry: pneumatic grain conveyor; animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport; paper mill, paper and pulp industry: waste water, air extraction; industrial washing machine: washing water hose

Properties: heavy duty; highly abrasion resistant; increased pressure and vacuum resistance; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600 and 178.2010; odourless and taste-

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
- / 20	27	3,895	1,000	17	0,230	5 10	355-0020-1001
- / 25	32	3,470	0,900	20	0,280	5 10	355-0025-1001
- / 30	40	3,280	0,880	25	0,420	5 10	355-0030-1001
1,25 / 32	42	3,095	0,875	26	0,440	5 10 15	355-0032-1001
1,36 / 35	45	2,955	0,870	28	0,480	5 10	355-0035-1001
- / 38	48	2,925	0,865	29	0,520	5 10 15	355-0038-1001
- / 40	50	2,900	0,855	30	0,540	5 10 15	355-0040-1001
1,75 / 44-45	55	2,595	0,845	33	0,600	5 10	355-0045-1001
2 / 50-51	60	2,330	0,835	35	0,660	5 10	355-0050-1001
2,36 / 60	70	1,955	0,730	40	0,780	5 10	355-0060-1001
2,5 / 63-65	75	1,815	0,675	43	0,840	5 10	355-0065-1001
- / 70	81	1,690	0,605	62	0,980	5 10	355-0070-1001
3 / 75-76	86	1,575	0,555	66	1,050	5 10	355-0075-1001
- / 80	91	1,480	0,505	69	1,110	5 10	355-0080-1001
4 / 100-102	111	1,190	0,355	83	1,490	5 10 15	355-0100-1001
5 / 125-127	136	0,960	0,265	101	1,840	5 10	355-0125-1001
6 / 150-152	161	0,800	0,180	118	2,410	5 10	355-0150-1001
6,5 / 165	176	0,725	0,160	129	2,640	5 10	355-0165-1001
8 / 200-203	213	0,600	0,120	156	3,120	5 10	355-0200-1001
- / 250	263	0,485	0,075	191	3,880	5 10	355-0250-1001

less; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; flame-retardant according to: UL94-V2; according to DIN 26057 Type 3; conforms to RoHS guideline

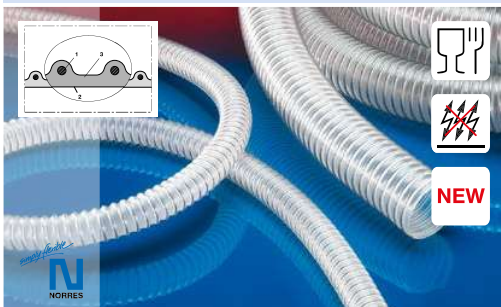
Temperature Range: -40°C to 90°C; short time to 125°C

Design, Material: AIRDUC® profile hose; spring steel wire firmly embedded in wall; wall: special premium ether-polyurethane (Pre-PUR®); wall thickness 1,4 - 1,5mm approx.

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 212, 216, 212 EC, 217, 213, 228, 231, 232, 233, 234, 247, 249, 240 + 241 FOOD, 242, 243 FOOD, 244 FOOD, 245 FOOD, 246 FOOD, 223, 270-271

AIRDUC® PUR-INOX 355 FOOD-AS



Antistatic food hose and pharmaceutical hose, heavy, stainless steel (INOX)

Applications: flexible hose/ ducting for high throughput of abrasive powder, bulk material, granulate and for gases; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; vacuum conveying device, vacuum hopper, suction conveyor, dosing system; pelleting machines/ tablet presses; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; industrial vacuum cleaners, vacuum cleaners; explosion hazard area; animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport

Properties: heavy duty; highly abrasion resistant; increased pressure and vacuum resistance; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; permanently antistatic wall:

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
1 / 25	32	3,470	0,900	20	0,280	5 10	355-0025-1018
1,25 / 32	42	3,095	0,875	26	0,440	5 10	355-0032-1018
1,5 / 38	48	2,925	0,865	29	0,520	5 10	355-0038-1018
- / 40	50	2,900	0,855	30	0,540	5 10	355-0040-1018
2 / 50-51	60	2,330	0,835	35	0,660	5 10	355-0050-1018
2,36 / 60	70	1,955	0,730	40	0,780	5 10	355-0060-1018
2,5 / 63-65	75	1,815	0,675	43	0,840	5 10	355-0065-1018
- / 70	81	1,690	0,605	62	0,980	5 10	355-0070-1018
3 / 75-76	86	1,575	0,555	66	1,050	5 10	355-0075-1018
- / 80	91	1,480	0,505	69	1,110	5 10	355-0080-1018
4 / 100-102	111	1,190	0,355	83	1,490	5 10	355-0100-1018
5 / 125-127	136	0,960	0,265	101	1,840	5 10	355-0125-1018
6 / 150-152	161	0,800	0,180	118	2,410	5 10	355-0150-1018
7 / 178-180	191	0,700	0,150	139	2,900	5 10	355-0180-1018
8 / 200-203	213	0,630	0,135	156	3,120	5 10	355-0200-1018

electrical and surface resistance $<10^9 \Omega$; in accordance with ATEX 2014/34/EU and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases); according to DIN 26057 Type 3; conforms to RoHS guideline

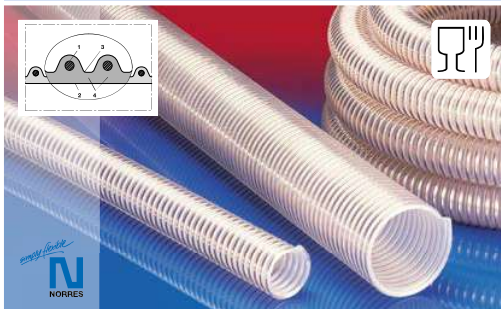
Temperature Range: -40°C to 90°C

Design, Material: AIRDUC® profile hose; spring steel wire firmly embedded in wall; spiral: stainless steel wire (INOX); wall: permanently antistatic premium ether-polyurethane (Pre-PUR®); wall thickness 1,4 - 1,5mm approx.

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 212, 216, 212 EC, 217, 213, 228, 231, 232, 233, 234, 247, 249, 240 + 241 FOOD, 242, 243 FOOD, 244 FOOD, 245 FOOD, 246 FOOD, 223, 270-271

AIRDUC® PUR 356 FOOD



Food hose and pharmaceutical hose, super-heavy

Applications: flexible hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; vacuum conveying device, vacuum hopper, suction conveyor, dosing system; pelleting machines/ tablet presses; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; agricultural industry: pneumatic grain conveyor; animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport; paper mill, paper and pulp industry: waste water, air extraction; silo, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging; silo, silo vehicle/ silo truck, tanker/ tank truck: conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods

Properties: super-heavy duty; extremely abrasion-resistant with reinforcement underneath wire and narrow hose pitch; very high pressure, vacuum and compression resistance; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600 and 178.2010; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; according to DIN 26057 Type 4; conforms to RoHS guideline

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
1,25 / 32	43	4,895	1,000	90	0,680	5 10	356-0032-1001
1,5 / 38	49	4,160	1,000	104	0,790	5 10	356-0038-1001
- / 40	51	3,960	1,000	109	0,820	5 10	356-0040-1001
- / 50	61	3,425	1,000	134	1,000	5 10	356-0050-1001
2 / 51	62	3,450	1,000	134	1,020	5 10	356-0051-1001
2,36 / 60	71	2,995	1,000	156	1,180	5 10	356-0060-1001
2,5 / 63	74	2,830	1,000	163	1,230	5 10	356-0063-1001
- / 65	76	2,765	1,000	169	1,270	5 10	356-0065-1001
- / 70	82	2,575	1,000	186	1,370	5 10	356-0070-1001
- / 75	87	2,415	1,000	195	1,460	5 10	356-0075-1001
3 / 76	88	2,380	1,000	195	1,480	5 10	356-0076-1001
- / 80	92	2,260	1,000	205	1,550	5 10	356-0080-1001
- / 100	113	1,815	0,900	272	2,270	5 10	356-0100-1001
4 / 102	115	1,785	0,900	272	2,310	5 10	356-0102-1001
- / 125	138	1,465	0,810	336	2,800	5 10	356-0125-1001
5 / 127	140	1,435	0,800	336	2,840	5 10	356-0127-1001
- / 150	163	1,215	0,755	435	3,680	5 10	356-0150-1001
6 / 152	165	1,205	0,750	435	3,720	5 10	356-0152-1001

urethane, complies with: FDA 21 CFR 177.2600 and 178.2010; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; according to DIN 26057 Type 4; conforms to RoHS guideline

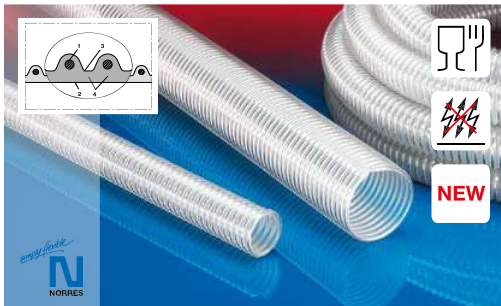
Temperature Range: -40°C to 90°C; short time to 125°C

Design, Material: AIRDUC® profile hose; spring steel wire firmly embedded in wall; wall: special premium ether-polyurethane (Pre-PUR®); wall thickness 2,0 to 2,5 mm approx.; reinforcement of the primary abrasion areas

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 216, 211, 228, 231, 232, 233, 234, 247, 249, 240 + 241 FOOD, 242, 243 FOOD, 244 FOOD, 245 FOOD, 246 FOOD

AIRDUC® PUR-INOX 356 FOOD-AS



Antistatic food hose and pharmaceutical hose, super-heavy, stainless steel (INOX)

Applications: flexible hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; vacuum conveying device, vacuum hopper, suction conveyor, dosing system; pelleting machines/ tablet presses; mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill; agricultural industry: pneumatic grain conveyor; animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport; paper mill, paper and pulp industry: waste water, air extraction; silo, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging

Properties: super-heavy duty; extremely abrasion-resistant with reinforcement underneath wire and narrow hose pitch; very high pressure, vacuum and compression resistance; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600 and 178.2010; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; permanently antistatic wall: electrical and surface resistance <10⁹ Ω; in accordance

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
1,25 / 32	43	5,150	1,000	90	0,680	5 10	356-0032-1018
1,5 / 38	49	4,380	1,000	104	0,790	5 10	356-0038-1018
- / 40	51	4,170	1,000	109	0,820	5 10	356-0040-1018
- / 50	61	3,650	1,000	134	1,000	5 10	356-0050-1018
2 / 51	62	3,650	1,000	134	1,020	5 10	356-0051-1018
2,36 / 60	71	3,150	1,000	156	1,180	5 10	356-0060-1018
2,5 / 63	74	3,050	1,000	163	1,230	5 10	356-0063-1018
- / 65	76	2,910	1,000	169	1,270	5 10	356-0065-1018
- / 70	82	2,710	1,000	186	1,370	5 10	356-0070-1018
- / 75	87	2,540	1,000	195	1,460	5 10	356-0075-1018
3 / 76	88	2,540	1,000	195	1,480	5 10	356-0076-1018
- / 80	92	2,380	1,000	205	1,550	5 10	356-0080-1018
3,5 / 89	101	2,100	1,000	250	1,700	5 10	356-0089-1018
- / 90	103	2,120	1,000	250	2,060	5 10	356-0090-1018
- / 100	113	1,910	1,000	272	2,270	5 10	356-0100-1018
4 / 102	115	1,920	1,000	272	2,310	5 10	356-0102-1018
- / 125	138	1,540	0,900	336	2,800	5 10	356-0125-1018
5 / 127	140	1,510	0,895	336	2,850	5 10	356-0127-1018
- / 150	163	1,280	0,840	435	3,680	5 10	356-0150-1018
6 / 152	165	1,270	0,830	435	3,730	5 10	356-0152-1018

with ATEX 2014/34/EU and German TRGS 727; pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases); according to DIN 26057 Type 4; conforms to RoHS guideline

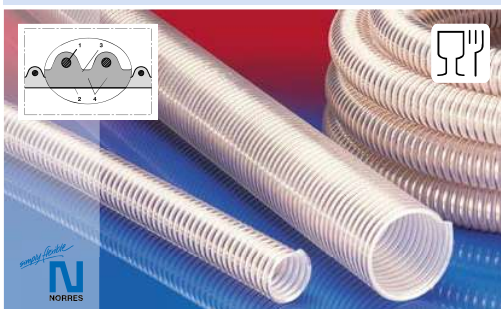
Temperature Range: -40°C to 90°C

Design, Material: AIRDUC® profile hose; spring steel wire firmly embedded in wall; spiral: stainless steel wire (INOX); wall: permanently antistatic premium ether-polyurethane (Pre-PUR®); wall thickness 2,0 to 2,5 mm approx.; reinforcement of the primary abrasion areas

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 216, 211, 228, 231, 232, 233, 234, 247, 249, 240 + 241 FOOD, 242, 243 FOOD, 244 FOOD, 245 FOOD, 246 FOOD

AIRDUC® PUR 356 FOOD REINFORCED

**Food hose and pharmaceutical hose, super-heavy and reinforced**

Applications: flexible hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; 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; silo, silo vehicle/ silo truck, tanker/ tank truck: conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods

Properties: super-heavy duty and reinforced; extremely abrasion-resistant with reinforcement underneath wire and narrow hose pitch; very high pressure, vacuum and compression resistance; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
- / 50	67	4,010	1,000	189	1,490	10	356-0050-5100
2 / 51	68	3,950	1,000	192	1,500	10	356-0051-5100
2,36 / 60	77	3,465	1,000	216	1,760	10	356-0060-5100
2,5 / 63	80	3,310	1,000	224	1,810	10	356-0063-5100
- / 65	82	3,200	1,000	230	1,890	10	356-0065-5100
- / 75	92	2,795	1,000	257	2,040	10	356-0075-5100
3 / 76	87	2,790	1,000	259	2,080	10	356-0076-5100
- / 80	97	2,620	1,000	270	2,300	10	356-0080-5100
3,5 / 89	106	2,385	1,000	295	2,840	10	356-0089-5100
- / 90	107	2,360	1,000	297	2,900	10	356-0090-5100
- / 100	117	2,100	1,000	324	3,200	10	356-0100-5100
4 / 102	119	2,070	1,000	330	3,260	10	356-0102-5100
4,5 / 115	132	1,815	0,960	365	3,640	10	356-0115-5100
- / 125	142	1,695	0,930	392	3,950	10	356-0125-5100
5 / 127	144	1,660	0,930	398	4,010	10	356-0127-5100
- / 150	167	1,410	0,900	460	5,050	10	356-0150-5100
6 / 152	169	1,395	0,900	465	5,110	10	356-0152-5100

grade polyurethane, complies with: FDA 21 CFR 177.2600 and 178.2010; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; conforms to RoHS guideline

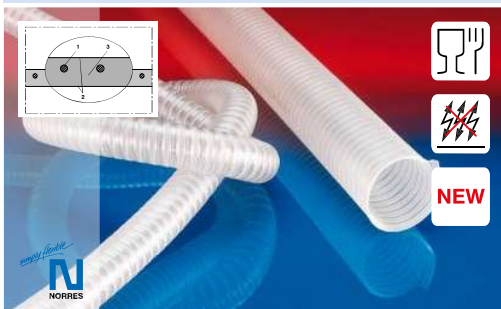
Temperature Range: -40°C to 90°C; short time to 125°C

Design, Material: AIRDUC® profile hose; spring steel wire firmly embedded in wall; wall: special premium ether-polyurethane (Pre-PUR®); wall thickness 3,0 to 3,5 mm approx.; reinforcement of the primary abrasion areas

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 211, 230

BARDUC® PUR-INOX 382 FOOD-AS

**Antistatic food hose and pharmaceutical hose, super-heavy and reinforced, smooth interior and exterior, stainless steel (INOX)**

Applications: flexible hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone; food industry, pharmaceutical industry: foodstuff, pharmaceutical; conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods; vacuum conveying device, vacuum hopper, suction conveyor, dosing system; pelleting machines/ tablet presses; explosion hazard area; animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport; silo, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging; silo, silo vehicle/ silo truck, tanker/ tank truck: conveying of dry foods, e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods

Properties: super-heavy duty; highly abrasion resistant; very high pressure, vacuum and compression resistance; approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food

I.D.	O.D.	Over-pressure	Under-pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	bar	bar	mm	kg/m	m	
1,25 / 32	40	5,500	1,000	144	0,450	10	382-0032-1014
1,5 / 38	46	5,500	1,000	171	0,590	10	382-0038-1014
- / 40	48	5,500	1,000	180	0,650	10	382-0040-1014
2 / 50-51	58	5,000	1,000	225	0,960	10	382-0050-1014
2,36 / 60	68	5,000	1,000	270	1,120	10	382-0060-1014
2,5 / 63-65	73	5,000	1,000	293	1,210	10	382-0065-1014
- / 70	78	5,000	1,000	315	1,290	10	382-0070-1014
3 / 75-76	83	5,000	1,000	338	1,380	10	382-0075-1014
- / 80	88	4,000	0,900	360	1,460	10	382-0080-1014
4 / 100-102	110	4,000	0,800	500	1,800	10	382-0100-1014

pendent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600; odourless and tasteless; microbe and hydrolysis resistant; good resistance to oil, gasoline and chemicals; very good low temperature flexibility; permanently antistatic wall: electrical and surface resistance <10⁹ Ω; in accordance with ATEX 2014/34/EU and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases); conforms to RoHS guideline

Temperature Range: -40°C to 90°C

Design, Material: BARDUC® design; spring steel wire spiral embedded in wall; spiral: stainless steel wire (INOX); smooth interior and exterior; wall: permanently antistatic premium ether-polyurethane (Pre-PUR®); wall thickness 4 to 6 mm approx., depending on diameter

Delivery variants: further diameters and lengths available on request; transparent (standard); customer-specific branding

Accessories: 211