



MANUFACTURER OF INDUSTRIAL HOSES

ABOUT US



Dear Sir/Madam,

we are a Polish manufacturer and dealer of industrial hoses. In our offer you can find high-quality suction, transmission and extraction hoses used in ventilation and air conditioning, wood processing, chemical and machine industry, metallurgy and mining as well as many other industries.

We have been on the market since 1994. Thanks to the commitment and determination of the founder and the entire team of the company, we have become one of the largest manufacturers of industrial hoses in Poland and Europe, starting from a small business of a few people.

Over 25 years of experience within the field of hose production and technology improvement have resulted in a range of products that meet the highest standards and adapt to the needs of our customers.

Our goal is to continuously develop and expand our product range. We believe that close and fruitful cooperation with you will enable our company to develop and improve to meet the expectations of our customers to the most possible extent.

RONDO Company



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TECHNICAL INFORMATION

1. Selection of hoses

In order to correctly select a hose, you should carefully read the characteristics and parameters of a specific product and the operating conditions for which a given hose is to be used.

For more detailed information, e.g. regarding chemical resistance or non-standard inquiries, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for internal hose diameters is no more than 2%. All parameters apply for room temperature (approx. 22°C).

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. If you require further information, please contact our sales department.

2. Packaging and transportation

Depending on the type and length, hoses are packed in a straight form or compressed axially or coiled, and then wrapped in stretch foil or other packaging required for transportation. In the case of independent transport, the hoses must be properly secured against mechanical and atmospheric damage.

CAUTION! The standard lengths of the hoses are measured while maximum extension.

3. Storage and operation

To avoid the risk of destruction or damage to purchased hoses, the rules for their proper storage and operation must be observed. The physical properties of plastics change over time and under the influence of atmospheric, temperature, chemical, etc. conditions.


During assembly and operation of the hose you should pay attention to factors which may cause damage or destroy the hose, such as: inadequate bending radius (the bending radius is measured from the inside of the hose), axial torsion and vibration, inadequate operation and ambient temperature, too high pressure/negative pressure and other operating parameters, mechanical damage and other. You should pay special attention when hanging hoses vertically (without suitable supports, the hose may be damaged due to its own weight). Please contact the sales department for detailed instructions and information.


The flow direction of the medium is marked on the hose with an arrow. Reverse assembly will result in faster hose wear and tear. If there is no arrow on the hose, please contact our sales department.

To discharge static electricity, ground the spiral. Instructions on how to properly ground the hose spiral are available from our sales department.

LEGEND:

 hose designed for transporting gaseous media

 hose designed for transporting liquid media

 hose designed for transporting solid media

 abrasion resistant

 surface resistance

 flexibility

 axial compressible

 trading lengths


 smoothed inner wall of the hose

 spark resistant


 thermal resistance

 inflammability class

 resistant to pressure and vacuum

 resistant to hydrolysis

 chemical resistant

 UV and ozone resistant

 UV resistant

 mechanically durable

 suitable for contact with food

* – lowest value

***** – highest value

PUR polyurethane hoses

In this category you will find flexible transfer and extraction hoses made of wear-resistant polyurethane (PUR) intended mainly for the transport of materials causing high abrasion, e.g. sawdust, powders, granules in extraction and feeding systems, as well as release of gaseous media and liquids.

Offered types of PUR hoses:

Name	Wall thickness [mm]	Flexibility	Vacuum resistance	Smoothed inner wall	Range of diameters [mm]
PUR Foil Ultra Light	0,4	*****	**	✗	32÷300
PUR Foil	0,5	*****	**	✗	32÷650
PUR Elastic	0,6	****	***	✓	50÷500
PUR Light	0,7	****	****	✓	20÷500
PUR Medium Light	0,9	****	****	✓	20÷500
PUR Heavy	1,4	***	*****	✓	20÷500
PUR Super Heavy	2,1	**	*****	✓	25÷500
PUR Super Vacuum	2,4	**	*****	✓	100÷500
PUR Mamut	5÷7	*	*****	✓	200÷400
PUR Vacuum	3÷4,5	**	*****	✓	16÷50
PUR Sleeve Foil (unreinforced)	0,8	*****	-	✓	90÷650
PUR Sleeve Light (unreinforced)	1,4	****	-	✓	90÷450
PUR Sleeve Straight (unreinforced)	4	**	-	✓	90÷450

Material variants of PUR hoses

Name	Intended use	Temperature resistance [°C]	Flammability class (acc. to UL94)	Surface resistance [Ω]	Color	Resistance to hydrolysis and microbes	Certificates and attestations	Spiral
PUR MB	transfer of loose abrasives	-30 ÷ +90	V-II	<10 ⁹	transparent	***		copper-plated spring wire
PUR EL	potentially explosive areas	-30 ÷ +80	-	<10 ³	black	****	Atest GIG*	copper-plated spring wire
PUR TM	work at elevated temperatures	-30 ÷ +110	V-II	<10 ⁹	transparent	**		copper-plated spring wire
PUR AG	transmission of hydrolysis media	-30 ÷ +80	V-II	<10 ⁹	transparent	****		copper-plated spring wire
PUR SP	contact with food	-30 ÷ +90	V-II	<10 ⁹	transparent	***	Atest PZH**	stainless wire
PUR UN	flame retardant	-30 ÷ +80	V-0	<10 ⁹	white	****		copper-plated spring wire

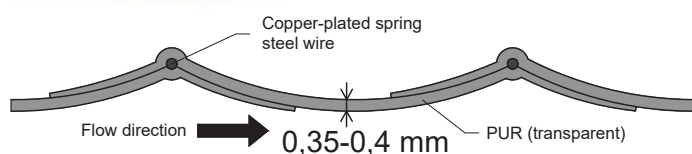
*Atest GIG – attestation issued by the Central Mining Institute

**Atest PZH – Health Quality Certificate. PUR SP hoses meet the requirements of EU Directive 2002/72 / EC, Regulation PE 1935/2004 regarding organoleptic features and global migration for model fluids A, B, C. Attention! Do not use for transmission of fats.

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Foil Ultra Light MB


Perfectly flexible antistatic polyurethane hose, reinforced with steel spiral, with very good abrasion resistance, used e.g. in mobile machines for extracting and transporting fine-grained loose abrasives, such as dusts, powders, sawdust, etc.





Technical data


Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
32	36	36	0,3	-0,22
35	39	39	0,3	-0,21
40	44	46	0,3	-0,20
50	54	54	0,3	-0,16
60	64	64	0,3	-0,13
63	67	67	0,3	-0,13
70	74	74	0,3	-0,10
80	84	84	0,4	-0,09
90	94	94	0,4	-0,06
100	104	104	0,4	-0,06
110	114	114	0,4	-0,05
120	124	124	0,5	-0,05
125	129	129	0,5	-0,05
130	134	134	0,5	-0,05
140	144	144	0,5	-0,04
150	154	154	0,6	-0,04
160	164	164	0,6	-0,03
180	184	184	0,7	-0,03
200	204	204	0,8	-0,02
226	232	232	0,9	-0,02
250	256	255	0,9	-0,02
280	286	286	1,0	-0,02
300	306	306	1,1	-0,02


Available diameters not included in the table: 85, 127, 145, 152, 155, 165, 170, 190, 203, 210, 220, 270, 275 mm


-  abrasion resistant


-  antistatic <math><10^9 \Omega</math>

-  axially compressible

-  flexibility ★★★★★

-  temperature resistance -30 to +90°C

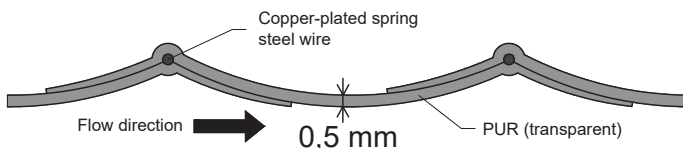
-  flammability class V-II acc. to UL94

-  standard lengths 10 m

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Foil MB

Perfectly flexible antistatic polyurethane hose, reinforced with steel spiral, with very good abrasion resistance, used e.g. in mobile machines for extracting and transporting fine-grained loose abrasives, such as dusts, powders, sawdust, etc.



	abrasion resistant	
	antistatic	<10 ⁹ Ω
	axially compressible	
	flexibility	★★★★★
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	10 m

PUR Foil is also available in the following variants:

PUR Foil MB	highly abrasion resistant and antistatic	
PUR Foil EL	to potentially explosive areas (<10 ³ Ω)	
PUR Foil TM	for working at elevated temperatures (<110°C)	
PUR Foil AG	resistant to hydrolysis and microbes	
PUR Foil SP	for contact with food	
PUR Foil UN	flame retardant (V-0 according to UL94)	

Technical data

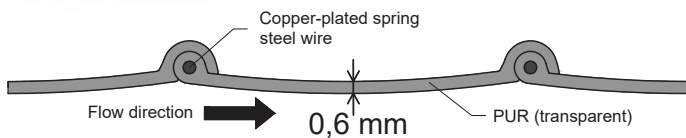
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
32	36	36	0,3	-0,25
35	39	39	0,3	-0,23
40	44	46	0,3	-0,22
50	54	54	0,3	-0,18
60	64	64	0,3	-0,15
63	67	67	0,3	-0,14
70	74	74	0,3	-0,12
80	84	84	0,4	-0,10
90	94	94	0,4	-0,08
100	104	104	0,4	-0,07
110	114	114	0,4	-0,07
120	124	124	0,5	-0,06
125	129	129	0,5	-0,06
130	134	134	0,5	-0,06
140	144	144	0,5	-0,05
150	154	154	0,6	-0,05
160	164	164	0,6	-0,04
180	184	184	0,7	-0,03
200	204	204	0,8	-0,03
226	232	232	0,9	-0,02
250	256	255	0,9	-0,02
280	286	286	1,0	-0,02
300	306	306	1,1	-0,02
315	321	321	1,1	-0,02
350	356	356	1,2	-0,02
400	408	408	1,6	-0,01
500	510	510	1,8	-0,01
600	610	610	1,9	-0,01
650	660	660	2,4	-0,01

Available diameters not included in the table: 85, 127, 145, 152, 155, 165, 170, 190, 203, 210, 220, 275 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Elastic MB

Very flexible antistatic polyurethane hose, reinforced with steel spiral, with very good abrasion resistance, used e.g. in mobile machines for extracting and transporting fine-grained loose abrasives, such as dusts, powders, sawdust, etc.



	abrasion resistant	
	antistatic	<10 ⁹ Ω
	flexibility	★★★★
	smoothed inner wall	
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	5 m, 10 m, 20 m

Technical data

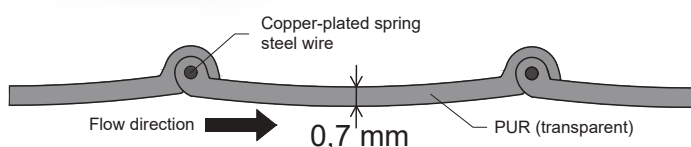
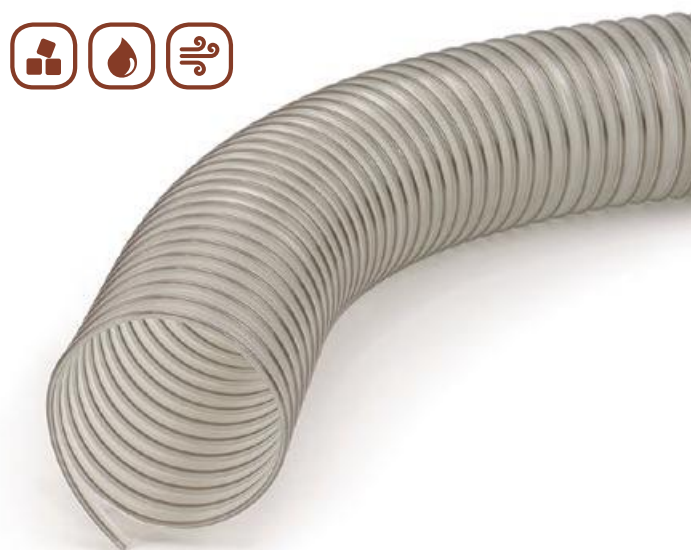
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
50	56	56	0,4	1,6	-0,48
60	66	66	0,5	1,4	-0,41
63	69	69	0,5	1,3	-0,36
70	77	77	0,5	1,1	-0,34
75	82	82	0,6	1,0	-0,27
80	88	88	0,7	0,9	-0,25
90	98	98	0,8	0,8	-0,20
100	108	108	0,8	0,8	-0,20
110	118	118	0,9	0,7	-0,20
120	128	128	0,9	0,7	-0,20
125	133	133	1,0	0,6	-0,20
130	138	138	1,0	0,5	-0,20
140	148	148	1,1	0,5	-0,15
150	158	158	1,2	0,5	-0,15
160	168	168	1,2	0,5	-0,15
180	188	188	1,4	0,4	-0,15
200	208	208	1,5	0,4	-0,15
226	234	234	1,7	0,2	-0,07
250	258	258	1,9	0,2	-0,05
280	288	288	2,2	0,2	-0,05
300	308	308	2,5	0,2	-0,05
315	323	323	2,8	0,2	-0,05
350	358	358	3,0	0,2	-0,05
400	408	408	3,2	0,1	-0,05
450	460	460	5,1	0,1	-0,05
500	510	520	6,3	0,1	-0,05

Available diameters not included in the table: 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Light MB

Very flexible antistatic polyurethane hose reinforced with a steel spiral with very good abrasion resistance, intended for extraction and transport of loose abrasive materials such as sawdust, chips, granules, sand, cement, etc.



	abrasion resistant	
	antistatic	<10 ⁹ Ω
	flexibility	★★★★
	smoothed inner wall	
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	5 m, 10 m, 20 m

PUR Light is also available in the following variants:

PUR Light MB	highly abrasion resistant and antistatic	
PUR Light EL	to potentially explosive areas (<10 ³ Ω)	
PUR Light TM	for working at elevated temperatures (<110°C)	
PUR Light AG	resistant to hydrolysis and microbes	
PUR Light SP	for contact with food	
PUR Light UN	flame retardant (V-0 according to UL94)	

Technical data

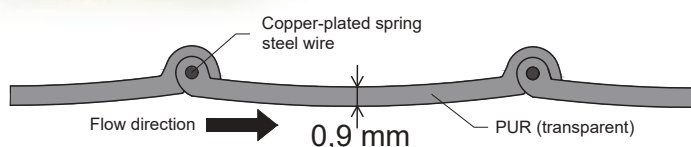
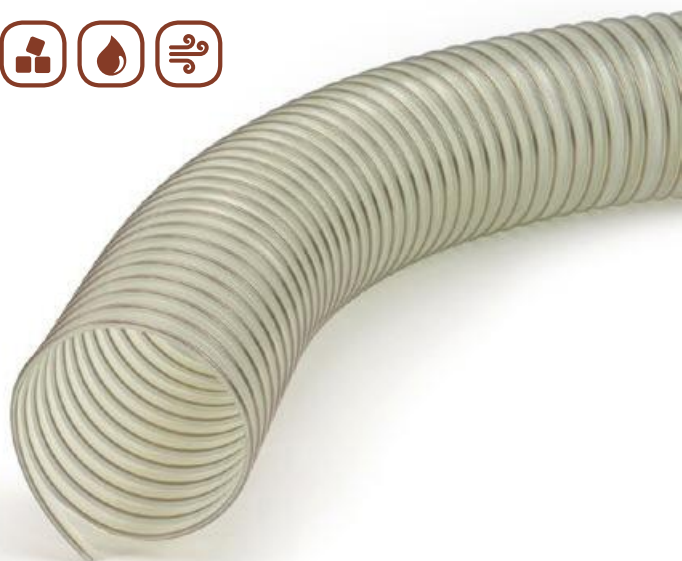
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	30	30	0,3	3,1	-0,76
32	37	37	0,4	2,4	-0,69
35	40	40	0,4	2,1	-0,65
38	43	43	0,4	1,9	-0,64
40	45	45	0,4	1,9	-0,64
45	50	50	0,4	1,7	-0,56
50	56	56	0,4	1,6	-0,48
60	66	66	0,5	1,4	-0,41
63	69	69	0,5	1,3	-0,36
70	77	77	0,5	1,1	-0,34
75	82	82	0,6	1,0	-0,27
80	88	88	0,7	0,9	-0,25
90	98	98	0,8	0,8	-0,20
100	108	108	0,8	0,8	-0,20
110	118	118	0,9	0,7	-0,20
120	128	128	0,9	0,7	-0,20
125	133	133	1,0	0,6	-0,20
130	138	138	1,0	0,5	0,20
140	148	148	1,1	0,5	-0,15
150	158	158	1,2	0,5	-0,15
160	168	168	1,2	0,5	-0,15
180	188	188	1,4	0,4	-0,15
200	208	208	1,5	0,4	-0,15
226	234	234	1,7	0,2	-0,07
250	258	258	1,9	0,2	-0,05
280	288	288	2,2	0,2	-0,05
300	308	308	2,5	0,2	-0,05
315	323	323	2,8	0,2	-0,05
350	358	358	3,0	0,2	-0,05
400	408	408	3,2	0,1	-0,05
450	460	460	5,1	0,1	-0,05
500	510	510	6,3	0,1	-0,05

Available diameters not included in the table: 20, 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Medium Light MB

Very flexible antistatic polyurethane hose reinforced with a steel spiral with very good abrasion resistance, intended for extraction and transport of loose abrasive materials such as sawdust, chips, granules, sand, cement, etc.



	abrasion resistant	
	antistatic	<10 ⁹ Ω
	flexibility	★★★★
	smoothed inner wall	
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	5 m, 10 m, 20 m

PUR Medium Light is also available in the following variants:

PUR Medium Light MB	highly abrasion resistant and antistatic	
PUR Medium Light EL	to potentially explosive areas (<10 ⁹ Ω)	
PUR Medium Light TM	for working at elevated temperatures (<110°C)	
PUR Medium Light AG	resistant to hydrolysis and microbes	
PUR Medium Light SP	for contact with food	
PUR Medium Light UN	flame retardant (V-0 according to UL94)	

Technical data

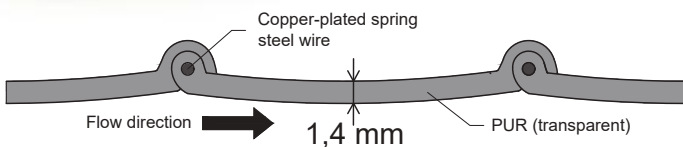
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	32	47	0,3	3,1	-0,76
32	39	59	0,4	2,4	-0,69
35	43	65	0,4	2,1	-0,65
38	46	70	0,4	1,9	-0,64
40	48	72	0,4	1,9	-0,64
45	53	80	0,5	1,7	-0,56
50	58	87	0,5	1,6	-0,48
60	68	102	0,6	1,4	-0,41
63	71	109	0,6	1,2	-0,34
70	78	120	0,7	1,1	-0,34
75	83	125	0,8	1,0	-0,27
80	88	135	0,8	0,9	-0,25
90	100	150	0,9	0,8	-0,20
100	110	165	1,0	0,8	-0,20
110	120	180	1,1	0,7	-0,20
120	130	195	1,2	0,7	-0,20
125	135	203	1,3	0,6	-0,20
130	140	210	1,3	0,5	-0,20
140	150	225	1,4	0,5	-0,15
150	160	240	1,5	0,5	-0,15
160	170	255	1,7	0,5	-0,15
180	190	285	2,0	0,4	-0,15
200	210	315	2,2	0,4	-0,15
226	236	362	2,5	0,2	-0,07
250	260	390	2,7	0,2	-0,05
280	290	420	3,0	0,2	-0,05
300	310	445	3,2	0,2	-0,05
315	325	465	3,5	0,2	-0,05
350	360	510	3,7	0,2	-0,05
400	410	573	4,0	0,1	-0,05
450	460	610	5,8	0,1	-0,05
500	510	650	7,1	0,1	-0,05

Available diameters not included in the table: 20, 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Heavy MB

Thick-walled antistatic polyurethane hose reinforced with a steel spiral with very good abrasion resistance, intended for extraction and pneumatic transport of coarse granular abrasive materials such as sawdust, chips, granulate, pellets, sand, etc.



	abrasion resistant	
	antistatic	<10 ⁹ Ω
	flexibility	★★★
	smoothed inner wall	
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	5 m, 10 m, 20 m

PUR Heavy is also available in the following variants:

PUR Heavy MB	highly abrasion resistant and antistatic	
PUR Heavy EL	to potentially explosive areas (<10 ⁹ Ω)	
PUR Heavy TM	for working at elevated temperatures (<110°C)	
PUR Heavy AG	resistant to hydrolysis and microbes	
PUR Heavy SP	for contact with food	
PUR Heavy UN	flame retardant (V-0 according to UL94)	

Technical data

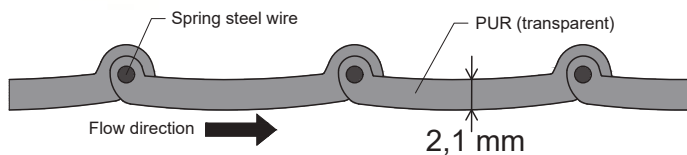
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	32	47	0,4	4,0	-0,90
32	39	59	0,4	3,5	-0,88
35	43	65	0,5	3,2	-0,84
38	46	70	0,5	3,0	-0,83
40	48	72	0,5	2,9	-0,80
45	53	80	0,6	2,8	-0,78
50	58	87	0,6	2,7	-0,75
60	68	102	0,8	2,5	-0,72
63	71	109	0,8	2,4	-0,64
70	78	120	0,9	2,2	-0,59
75	83	125	0,9	2,0	-0,56
80	88	135	1,0	1,8	-0,54
90	100	150	1,1	1,6	-0,49
100	110	165	1,2	1,4	-0,41
110	120	180	1,3	1,3	-0,39
120	130	195	1,5	1,2	-0,29
125	135	203	1,5	1,2	-0,29
130	140	210	1,6	1,2	-0,27
140	150	225	1,7	1,0	-0,22
150	160	240	1,8	1,0	-0,22
160	170	255	2,1	0,9	-0,20
180	190	285	2,5	0,7	-0,17
200	210	315	2,9	0,7	-0,17
226	236	362	3,3	0,5	-0,12
250	260	390	3,5	0,5	-0,12
280	290	430	3,8	0,4	-0,11
300	310	445	4,0	0,4	-0,11
315	325	465	4,1	0,4	-0,11
350	360	510	4,4	0,4	-0,11
400	410	573	4,9	0,3	-0,07
450	460	628	5,8	0,2	-0,05
500	510	670	7,5	0,2	-0,05

Available diameters not included in the table: 20, 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Super Heavy MB

Thick-walled antistatic polyurethane hose reinforced with a steel spiral with very good abrasion resistance, intended for extraction and pneumatic transport of coarse loose abrasives such as granulate, pellets, sand, gravel, etc.



	abrasion resistant	
	pressure and vacuum resistant	
	antistatic	<10 ⁹ Ω
	flexibility	★★
	smoothed inner wall	
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	5 m, 10 m, 20 m

PUR Super Heavy is also available in the following variants:

PUR Super Heavy MB	highly abrasion resistant and antistatic	
PUR Super Heavy EL	to potentially explosive areas (<10 ³ Ω)	
PUR Super Heavy TM	for working at elevated temperatures (<110°C)	
PUR Super Heavy AG	resistant to hydrolysis and microbes	
PUR Super Heavy SP	for contact with food	
PUR Super Heavy UN	flame retardant (V-0 according to UL94)	

Technical data

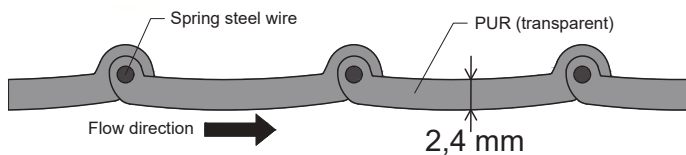
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	32	200	0,6	4,0	-0,9
32	40	210	0,7	4,0	-0,9
35	43	220	0,8	4,0	-0,9
38	46	230	0,8	4,0	-0,9
40	48	240	0,9	4,0	-0,9
45	53	260	1,0	4,0	-0,9
50	58	270	1,1	4,0	-0,9
60	68	310	1,3	3,5	-0,9
63	71	340	1,3	3,2	-0,9
70	80	380	1,5	3,1	-0,9
75	85	420	1,6	2,9	-0,9
80	90	440	1,7	2,7	-0,9
90	100	500	1,9	2,3	-0,8
100	110	600	2,1	1,9	-0,8
110	120	650	2,3	1,8	-0,8
120	130	730	2,5	1,6	-0,8
125	135	740	2,6	1,6	-0,8
130	140	780	2,7	1,6	-0,7
140	150	820	2,9	1,5	-0,7
150	160	850	3,1	1,4	-0,8
160	170	910	3,7	1,3	-0,7
180	190	960	4,3	1,1	-0,6
200	210	1250	5,0	1,0	-0,4
226	236	1810	5,6	0,8	-0,3
250	260	2000	6,0	0,8	-0,3
280	290	2520	6,4	0,6	-0,3
300	310	2700	6,7	0,6	-0,3
315	325	2840	7,0	0,6	-0,3
350	360	3500	7,4	0,5	-0,3
400	410	4000	8,0	0,5	-0,3
450	460	4500	9,1	0,5	-0,3
500	510	5000	11,0	0,4	-0,2

Available diameters not included in the table: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Super Vacuum MB

Thick-walled antistatic polyurethane hose reinforced with a steel spiral with very good abrasion resistance, intended for extraction and pneumatic transport of coarse loose abrasives such as granules, pellets, sand, gravel, etc.



	abrasion resistant	
	pressure and vacuum resistant	
	antystatyczny	<10 ⁹ Ω
	flexibility	★★
	smoothed inner wall	
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	5 m, 10 m, 20 m

PUR Super Vacuum is also available in the following variants:

PUR Super Vacuum MB	highly abrasion resistant and antistatic	
PUR Super Vacuum EL	to potentially explosive areas (<10 ³ Ω)	
PUR Super Vacuum TM	for working at elevated temperatures (<110°C)	
PUR Super Vacuum AG	resistant to hydrolysis and microbes	
PUR Super Vacuum SP	for contact with food	
PUR Super Vacuum UN	flame retardant (V-0 according to UL94)	

Technical data

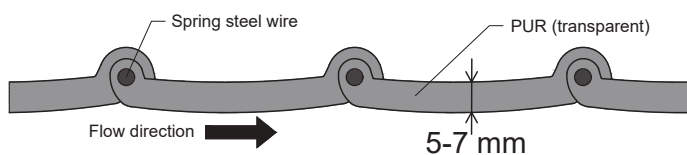
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
100	110	650	2,3	2,1	-0,90
110	120	710	2,5	2,0	-0,90
120	130	740	2,7	1,8	-0,90
125	135	760	2,9	1,7	-0,90
130	140	810	3,0	1,7	-0,80
140	150	860	3,2	1,6	-0,70
150	160	990	3,4	1,5	-0,85
160	170	1110	4,1	1,4	-0,80
180	190	1190	4,8	1,3	-0,60
200	210	1440	5,5	1,1	-0,50
226	236	2090	6,2	0,9	-0,35
250	260	2300	6,6	0,8	-0,35
280	290	2900	6,9	0,7	-0,35
300	310	3100	7,3	0,7	-0,35
315	325	3300	7,5	0,7	-0,35
350	360	4050	8,2	0,6	-0,35
400	410	4600	8,8	0,5	-0,35
450	460	5200	9,6	0,5	-0,35
500	510	5800	12,0	0,3	-0,30

Available diameters not included in the table: 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Mamut MB

Thick-walled antistatic polyurethane hose reinforced with a steel spiral with very good abrasion resistance, intended for extraction and pneumatic transport of coarse loose abrasives such as granules, pellets, sand, gravel, stones etc.



Technical data

Inner diameter	Outer diameter	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[kg/m]	[bar]	[bar]
200	218	12	4,3	-0,8
250	270	15	3,9	-0,8
300	320	18	3,5	-0,8
350	370	21	3,0	-0,8
400	420	24	2,5	-0,8

	abrasion resistant	
	pressure and vacuum resistant	
	antystatyczny	<10 ⁹ Ω
	flexibility	★
	smoothed inner wall	
	temperature resistance	od -30 do +90°C
	flammability class	V-II wg UL94
	standard lengths	5 m, 10 m

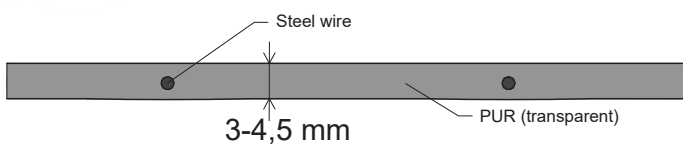
PUR Mamut is also available in the following variants:

PUR Mamut MB	highly abrasion resistant and antistatic	
PUR Mamut EL	to potentially explosive areas (<10 ³ Ω)	
PUR Mamut TM	for working at elevated temperatures (<110°C)	
PUR Mamut AG	resistant to hydrolysis and microbes	
PUR Mamut UN	flame retardant (V-0 according to UL94)	

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Vacuum

Thick-walled antistatic polyurethane hose reinforced with steel spiral with smooth internal and external wall with very good abrasion resistance, intended for transporting loose abrasive materials at elevated pressure or vacuum.



Technical data

Inner diameter	Outer diameter	Wall thickness	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
16	24	4	0,2	13,0	-0,96
18	26	4	0,3	13,0	-0,95
20	28	4	0,3	12,0	-0,95
22	30	4	0,4	11,0	-0,95
25	34	4,5	0,5	11,0	-0,93
30	39	4,5	0,6	10,0	-0,93
32	41	4,5	0,7	10,0	-0,92
35	44	4,5	0,8	10,0	-0,92
38	47	4,5	0,9	9,5	-0,92
40	49	4,5	1,0	9,5	-0,92
42	51	4,5	1,3	9,0	-0,90
45	54	4,5	1,5	9,0	-0,90
50	59	4,5	4,6	9,0	-0,90

	abrasion resistant	
	pressure and vacuum resistant	
	antistatic	<math><10^9 \Omega</math>
	flexibility	★★
	smooth inner wall	
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	25 m, 50 m

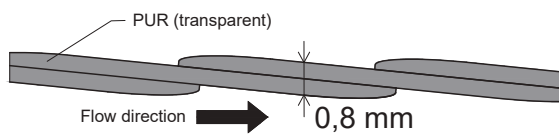
Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PUR Sleeve

Unreinforced polyurethane hose with very good abrasion resistance, used e.g. in mobile machines for gravitational transport of loose abrasives, including in filling systems or compensators.

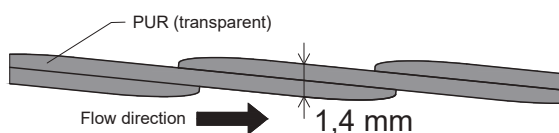


PUR Sleeve Foil MB



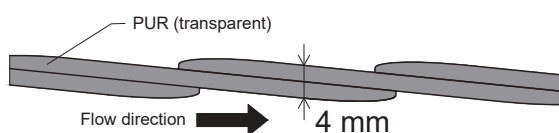
	abrasion resistant	
	flexibility	★★★★★
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	4 m

PUR Sleeve Light MB



	abrasion resistant	
	flexibility	★★★★
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	4 m

PUR Sleeve Straight MB



	abrasion resistant	
	flexibility	★★
	temperature resistance	-30 to +90°C
	flammability class	V-II acc. to UL94
	standard lengths	1 m

Technical data

Sleeve Foil		Sleeve Light		Sleeve Straight	
Inner diameter	Outer diameter	Inner diameter	Outer diameter	Inner diameter	Outer diameter
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
90	92	90	93	90	98
100	102	100	103	100	108
110	112	110	113	110	118
120	122	120	123	120	128
125	127	125	128	125	133
130	132	130	133	130	138
140	142	140	143	140	148
145	147	145	148	145	153
150	152	150	153	150	158
160	162	160	163	160	168
170	172	170	173	170	178
180	182	180	183	180	188
190	192	190	193	190	198
200	202	200	203	200	208
210	212	210	213	210	218
220	222	220	223	220	228
250	252	250	253	250	258
280	282	280	283	280	288
300	302	300	303	300	308
315	322	315	318	315	323
350	352	350	353	350	358
400	402	400	403	400	408
450	452	450	453	450	458
500	502				
600	602				
650	652				

PUR Sleeve is also available in the following variants:

PUR Sleeve MB	highly abrasion resistant and antistatic	
PUR Sleeve AG	resistant to hydrolysis and microbes	
PUR Sleeve SP	for contact with food	

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PVC hoses

In this category you will find flexible transfer and extraction hoses made of softened polyvinyl chloride (PVC) reinforced with a steel spiral with very good chemical resistance and hydrolysis resistance, intended mainly for transporting gaseous media in ventilation and suction and blowing systems as well as for transporting liquids and loose solid media.



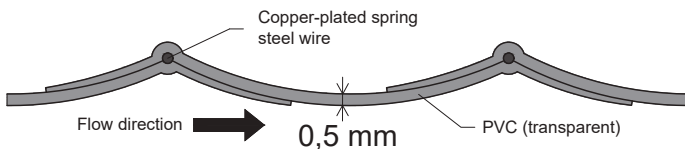
Offered types of PVC hoses:

Name	Wall thickness [mm]	Flexibility	Vacuum resistance	Smoothed inner wall	Antistatic	Temperature resistance [°C]	Color	Range of diameters [mm]
PVC Foil	0,5	*****	**	✗	✗	-5 ÷ +70	transparent	50÷650
PVC Light	0,7	****	****	✓	✗	-5 ÷ +70	transparent	20÷500
PVC Medium Light	0,9	****	****	✓	✗	-5 ÷ +70	transparent	20÷500
PVC Heavy	1,4	***	*****	✓	✗	-5 ÷ +70	transparent	20÷500
PVC Asen	2,4	**	*****	✓	✗	-5 ÷ +70	transparent	75÷400
PVC Vacuum	3÷4,5	**	*****	✓	✗	-5 ÷ +70	transparent	16÷76
Foil Lutniovinyl A (fabric covered with PVC)	0,5	****	**	✗	✓	-10 ÷ +80	black	80÷400
Foil Lutniovinyl B (fabric covered with PVC)	0,3	*****	**	✗	✓	-10 ÷ +60	black	80÷400

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PVC Foil

Perfectly flexible and axially compressible hose made of softened polyvinyl chloride reinforced with a steel spiral and with very good chemical resistance, used in ventilation and air conditioning systems to extract air, gases, chemical vapors, oil mist or dust.



	chemically resistant	
	resistant to hydrolysis	
	axially compressible	
	flexibility	★★★★★
	temperature resistance	-5 to +70°C
	standard lengths	10 m

Technical data

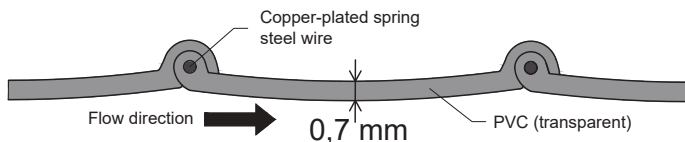
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
50	54	54	0,3	-0,12
60	64	64	0,3	-0,10
63	67	67	0,3	-0,10
70	74	74	0,3	-0,08
80	84	84	0,4	-0,07
90	94	94	0,4	-0,05
100	104	104	0,4	-0,05
110	114	114	0,4	-0,04
120	124	124	0,5	-0,04
125	129	129	0,5	-0,04
130	134	134	0,5	-0,04
140	144	144	0,5	-0,03
150	154	154	0,6	-0,03
160	164	164	0,6	-0,02
180	184	184	0,7	-0,02
200	204	204	0,8	-0,02
226	232	232	0,9	-0,02
250	256	255	0,9	-0,02
280	286	286	1,0	-0,02
300	306	306	1,1	-0,02
315	321	321	1,1	-0,02
350	356	356	1,2	-0,01
400	408	408	1,6	-0,01
500	508	508	1,8	-0,01
600	608	608	1,9	-0,01
650	660	660	2,4	-0,01

Available diameters not included in the table: 85, 127, 145, 152, 155, 165, 170, 190, 203, 210, 220, 270, 275 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PVC Light

A very flexible hose made of softened polyvinyl chloride reinforced with a steel spiral with very good chemical resistance, used in ventilation systems for extracting air and gases and light chemicals in technological processes as well as a suction and transmission hose for the transport of liquids and lightly abrasive materials.



	chemically resistant	
	resistant to hydrolysis	
	flexibility	★★★★
	smoothed inner wall	
	temperature resistance	-5 to +70°C
	standard lengths	5 m, 10 m, 20 m

Technical data

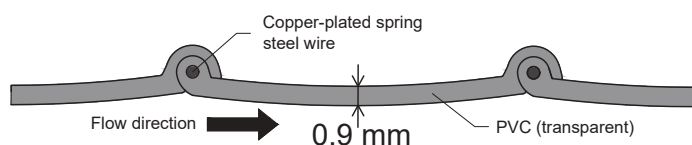
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	30	30	0,3	0,7	-0,64
32	37	37	0,3	0,6	-0,54
35	41	41	0,4	0,5	-0,51
38	44	44	0,4	0,5	-0,49
40	46	46	0,4	0,5	-0,44
45	51	51	0,4	0,4	-0,39
50	56	56	0,4	0,4	-0,34
60	66	66	0,5	0,3	-0,29
63	69	69	0,5	0,3	-0,25
70	76	76	0,5	0,2	-0,25
75	82	82	0,6	0,2	-0,25
80	88	88	0,7	0,2	-0,20
90	98	98	0,7	0,2	-0,15
100	108	108	0,8	0,2	-0,15
110	118	118	0,8	0,2	-0,15
120	128	128	0,9	0,2	-0,10
125	133	133	1,0	0,2	-0,10
130	138	138	1,0	0,2	-0,10
140	148	148	1,1	0,1	-0,10
150	158	158	1,2	0,1	-0,10
160	168	168	1,2	0,1	-0,10
180	188	188	1,4	0,1	-0,10
200	208	208	1,5	0,1	-0,10
226	234	234	1,8	0,1	-0,05
250	258	258	1,9	0,1	-0,05
280	288	288	2,2	0,1	-0,05
300	308	308	2,4	0,1	-0,05
315	323	323	2,6	0,1	-0,05
350	358	358	2,9	0,1	-0,05
400	408	408	3,3	0,1	-0,05
450	460	460	6,0	0,1	-0,05
500	510	510	7,5	0,1	-0,05

Available diameters not included in the table: 20, 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PVC Medium Light

A very flexible hose made of softened polyvinyl chloride reinforced with a steel spiral with very good chemical resistance, used in ventilation systems for extracting air and gases and light chemicals in technological processes as well as a suction and transmission hose for the transport of liquids and lightly abrasive materials.



	chemically resistant	
	resistant to hydrolysis	
	flexibility	★★★★
	smoothed inner wall	
	temperature resistance	-5 to +70°C
	standard lengths	5 m, 10 m, 20 m

Technical data

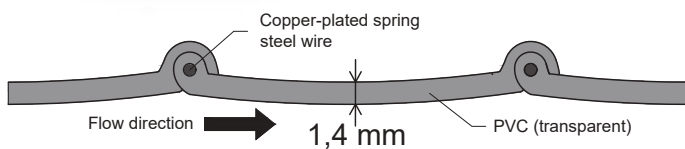
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	30	30	0,3	0,7	-0,64
32	37	37	0,4	0,6	-0,54
35	41	41	0,4	0,5	-0,51
38	44	44	0,4	0,5	-0,49
40	46	46	0,4	0,5	-0,44
45	51	51	0,5	0,4	-0,39
50	56	56	0,5	0,4	-0,34
60	66	66	0,6	0,3	-0,29
63	69	69	0,6	0,3	-0,25
70	76	76	0,7	0,2	-0,25
75	82	82	0,8	0,2	-0,25
80	88	88	0,8	0,2	-0,20
90	98	98	1,0	0,2	-0,15
100	108	108	1,1	0,2	-0,15
110	118	118	1,2	0,2	-0,15
120	128	128	1,2	0,2	-0,10
125	133	133	1,3	0,2	-0,10
130	138	138	1,3	0,2	-0,10
140	148	148	1,4	0,1	-0,10
150	158	158	1,5	0,1	-0,10
160	168	168	1,6	0,1	-0,10
180	188	188	1,9	0,1	-0,10
200	208	208	2,1	0,1	-0,10
226	234	234	2,4	0,1	-0,05
250	258	258	2,7	0,1	-0,05
280	288	288	2,9	0,1	-0,05
300	308	308	3,1	0,1	-0,05
315	323	323	3,4	0,1	-0,05
350	358	358	4,0	0,1	-0,05
400	408	408	5,4	0,1	-0,05
450	460	460	6,9	0,1	-0,05
500	510	510	8,3	0,1	-0,05

Available diameters not included in the table: 20, 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PVC Heavy

Thick-walled hose made of softened polyvinyl chloride reinforced with a steel spiral and with very good chemical resistance, used as a suction and transmission hose for transporting gases, liquids and slightly abrasive materials.



	chemically resistant	
	resistant to hydrolysis	
	flexibility	★★★
	smoothed inner wall	
	temperature resistance	-5 to +70°C
	standard lengths	5 m, 10 m, 20 m

Technical data

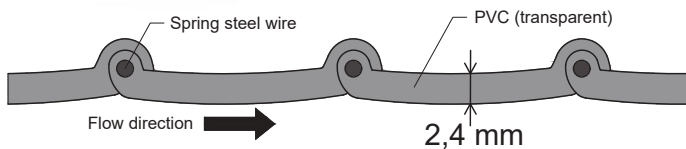
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	32	47	0,4	1,3	-0,78
32	39	59	0,4	1,1	-0,69
35	42	65	0,5	1,0	-0,61
38	46	70	0,5	0,9	-0,59
40	48	72	0,5	0,7	-0,49
45	53	80	0,6	0,7	-0,44
50	58	87	0,6	0,7	-0,44
60	68	102	0,8	0,6	-0,39
63	71	109	0,8	0,5	-0,39
60	68	102	0,8	0,6	-0,39
63	71	109	0,8	0,5	-0,39
70	78	120	0,9	0,4	-0,39
75	83	125	0,9	0,4	-0,39
80	88	135	1,0	0,4	-0,39
90	100	150	1,1	0,4	-0,34
100	110	165	1,2	0,4	-0,29
110	120	180	1,4	0,3	-0,29
120	130	195	1,5	0,3	-0,25
125	135	203	1,5	0,3	-0,25
130	140	210	1,6	0,2	-0,20
140	150	225	1,7	0,2	-0,20
150	160	240	1,8	0,2	-0,20
160	170	255	2,1	0,2	-0,20
180	190	285	2,5	0,2	-0,15
200	210	315	2,9	0,2	-0,15
226	236	368	3,3	0,1	-0,10
250	260	390	3,5	0,1	-0,10
280	290	425	4,0	0,1	-0,10
300	310	445	4,1	0,1	-0,10
315	325	465	4,2	0,1	-0,10
350	360	510	4,5	0,1	-0,10
400	410	575	5,0	0,1	-0,10
450	460	645	7,0	0,1	-0,05
500	510	740	9,5	0,1	-0,05

Available diameters not included in the table: 20, 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PVC Asen

Thick-walled hose made of softened polyvinyl chloride reinforced with a steel spiral with very good chemical resistance and smoothed inner wall, used for pneumatic and gravitational transport of solid media, liquids and gases, including dirty water, sludge, faeces, aqueous solutions, suspensions, e.g. in waste removal vehicles or sewage treatment plants



	chemically resistant	
	resistant to hydrolysis	
	flexibility	★★
	smoothed inner wall	
	pressure and vacuum resistant	
	temperature resistance	-5 to +70°C
	standard lengths	5 m, 10 m, 20 m

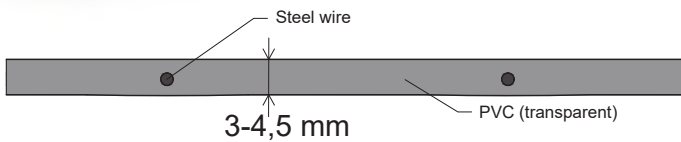
Technical data

Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
75	85	330	1,8	2,3	-0,90
82	92	440	2,0	2,1	-0,90
90	100	460	2,2	2,0	-0,90
100	110	490	2,3	1,8	-0,90
110	120	660	2,5	1,7	-0,90
115	125	680	2,6	1,6	-0,85
120	130	700	2,7	1,6	-0,85
125	135	730	2,9	1,5	-0,80
127	137	790	2,9	1,5	-0,70
130	140	830	3,0	1,4	-0,60
135	145	840	3,1	1,4	-0,60
140	150	860	3,2	1,3	-0,60
150	160	890	3,4	1,5	-0,80
160	170	950	4,1	1,4	-0,80
170	180	980	4,4	1,3	-0,70
180	190	1120	4,8	1,3	-0,60
190	200	1190	5,1	1,2	-0,50
200	210	1250	5,5	1,1	-0,50
210	220	1470	5,8	1,0	-0,40
220	230	1760	6,1	1,0	-0,40
240	250	1920	6,4	0,8	-0,35
250	260	2000	6,6	0,8	-0,35
280	290	2520	6,9	0,7	-0,35
300	310	2700	7,3	0,7	-0,35
315	325	2835	7,5	0,7	-0,35
350	360	3500	8,2	0,6	-0,35
400	410	4000	8,8	0,5	-0,35

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

PVC Vacuum

Thick-walled hose made of softened polyvinyl chloride reinforced with a steel spiral with very good chemical resistance and smooth internal and external wall, intended for transporting solid media, liquids and gases at elevated pressure/vacuum.



	chemically resistant	
	resistant to hydrolysis	
	flexibility	★★
	smooth inner wall	
	pressure and vacuum resistant	
	temperature resistance	-5 to +70°C
	standard lengths	25 m, 50 m

Technical data

Inner diameter	Outer diameter	Wall thickness	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
16	24	4,0	0,2	8,0	-0,96
18	26	4,0	0,3	8,0	-0,95
20	28	4,0	0,3	7,0	-0,95
22	30	4,0	0,4	6,0	-0,95
25	34	4,5	0,5	6,0	-0,93
30	39	4,5	0,6	5,0	-0,93
32	41	4,5	0,7	5,0	-0,92
35	44	4,5	0,8	5,0	-0,92
38	47	4,5	0,9	4,5	-0,92
40	49	4,5	1,0	4,5	-0,92
42	51	4,5	1,3	4,0	-0,90
45	54	4,5	1,5	4,0	-0,90
50	59	4,5	1,6	4,0	-0,90
60	69	4,5	1,8	4,0	-0,80
76	85	4,5	1,8	4,0	-0,80

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

Foil Lutniovinyl

Very flexible antistatic hose made of PES fabric covered on both sides with PVC reinforced with a steel spiral with very good chemical resistance, used in ventilation and extraction systems in potentially explosive areas, in mines for evacuating air and dust, for extracting smoke and welding gases.

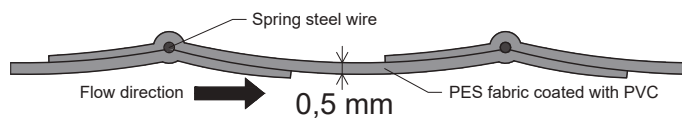


Technical data

Inner diameter [mm]	Outer diameter [mm]	Bending radius [mm]	Approx. weight [kg/m]	Vacuum [bar]	
				typ A	typ B
80	83	105	0,6	-0,09	-0,08
90	93	115	0,7	-0,06	-0,05
100	103	125	0,7	-0,06	-0,05
110	113	135	0,7	-0,05	-0,05
120	123	145	0,7	-0,05	-0,05
125	128	150	0,8	-0,05	-0,05
130	133	155	0,8	-0,05	-0,05
140	143	165	0,8	-0,04	-0,04
145	148	170	0,8	-0,04	-0,04
150	153	175	0,9	-0,04	-0,04
160	163	185	0,9	-0,03	-0,03
170	174	195	0,9	-0,03	-0,03
180	184	205	0,9	-0,03	-0,03
190	194	215	1,0	-0,03	-0,03
200	204	225	1,0	-0,02	-0,02
210	214	237	1,1	-0,02	-0,02
226	232	232	1,1	-0,02	-0,02
250	254	275	1,2	-0,02	-0,02
280	284	305	1,4	-0,02	-0,02
300	304	330	1,5	-0,02	-0,02
315	319	348	1,5	-0,01	-0,01
350	354	380	1,6	-0,01	-0,01
400	405	430	2,0	-0,01	-0,01

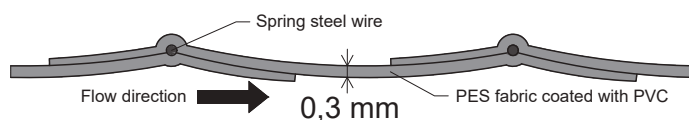
Available diameters not included in the table: 85, 127, 145, 152, 155, 165, 170, 190, 203, 210, 220, 270, 275 mm

Foil Lutniovinyl A



	chemically resistant	
	flexibility	★★★★★
	antistatic	$10^6 \Omega$
	temperature resistance	-10 to +80°C
	incombustible	acc. to ISO 6940
	UV resistant	
	standard lengths	10 m

Foil Lutniovinyl B



	chemically resistant	
	flexibility	★★★★★
	antystatyczny	$10^9 \Omega$
	temperature resistance	-10 to +60°C
	flammability class	VTM-0 acc. to UL 94
	UV resistant	
	standard lengths	10 m

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses in color and with a print on a special request. The standard lengths of the hoses are measured while maximum extension.

TPV San-top hoses

In this category you will find flexible transmission and extraction hoses made of chemically resistant TPV material, reinforced with copper-plated spring steel spiral, with excellent chemical and thermal resistance, intended mainly for the transport of chemically aggressive media and for the extraction of hot gases, liquids and solid materials.



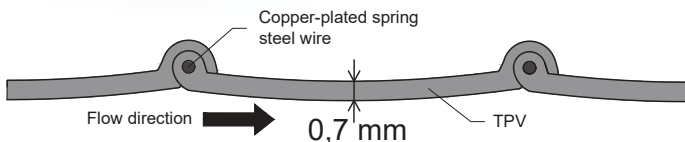
Offered types of TPV San-top hoses:

Name	Wall thickness [mm]	Flexibility	Vacuum resistance	Smoothed inner wall	Temperature resistance [°C]	Flammability class (acc. to UL94)	Range of diameters [mm]
TPV San-top Light	0,7	****	***	✓	-40 ÷ +135	HB	25÷500
TPV San-top Medium Light	0,9	****	***	✓	-40 ÷ +135	HB	25÷500
TPV San-top Heavy	1,4	***	****	✓	-40 ÷ +135	HB	25÷500

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer). The standard lengths of the hoses are measured while maximum extension.

TPV San-top Light

A very flexible hose made of thermoplastic vulcanized TPV reinforced with a steel spiral, with very good chemical and thermal resistance, intended for extracting hot and cold air, gases and vapors as well as transporting liquids and loose materials e.g. powders, granulates, chemicals, alkalis, acids.



	chemically resistant	acids, lyes
	ozone and UV resistant	
	flexibility	★★★★
	smoothed inner wall	
	temperature resistance	-40 to +135°C
	flammability class	HB acc. to UL94
	standard lengths	5 m, 10 m, 20 m

Technical data

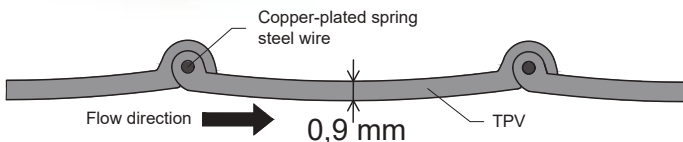
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	30	30	0,2	0,90	-0,30
32	37	37	0,3	0,80	-0,30
35	41	41	0,3	0,70	-0,30
38	44	44	0,3	0,70	-0,30
40	46	46	0,3	0,70	-0,25
45	51	51	0,3	0,60	-0,25
50	56	56	0,3	0,50	-0,25
60	66	66	0,4	0,50	-0,25
63	69	69	0,5	0,40	-0,20
70	76	76	0,5	0,40	-0,20
75	82	82	0,6	0,40	-0,15
80	88	88	0,6	0,40	-0,15
90	98	98	0,7	0,30	-0,15
100	108	108	0,7	0,30	-0,10
110	118	118	0,8	0,20	-0,10
120	128	128	0,8	0,20	-0,10
125	133	133	0,9	0,20	-0,10
130	138	138	0,9	0,20	-0,10
140	148	148	1,1	0,20	-0,07
150	158	158	1,1	0,20	-0,07
160	168	168	1,3	0,20	-0,05
180	188	188	1,4	0,10	-0,05
200	208	208	1,8	0,10	-0,04
226	234	234	2,0	0,10	-0,03
250	258	258	2,3	0,10	-0,03
280	288	288	2,4	0,10	-0,02
300	308	308	2,4	0,10	-0,02
315	323	323	2,5	0,10	-0,02
350	358	358	2,7	0,05	-0,02
400	408	408	3,4	0,05	-0,01
450	460	460	3,9	0,05	-0,01
500	510	510	4,3	0,05	-0,01

Available diameters not included in the table: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer). The standard lengths of the hoses are measured while maximum extension.

TPV San-top Medium Light

A very flexible hose made of thermoplastic vulcanized TPV reinforced with a steel spiral, with very good chemical and thermal resistance, intended for extracting hot and cold air, gases and vapors as well as transporting liquids and loose materials e.g. powders, granulates, chemicals, alkalis, acids.



	chemically resistant	acids, lyes
	ozone and UV resistant	
	flexibility	★★★★
	smoothed inner wall	
	temperature resistance	-40 to +135°C
	flammability class	HB acc. to UL94
	standard lengths	5 m, 10 m, 20 m

Technical data

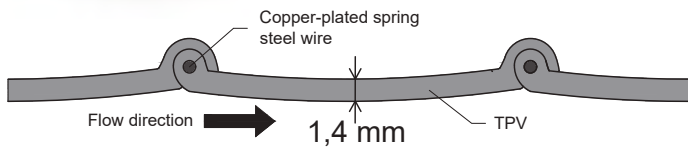
Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	30	30	0,2	0,90	-0,30
32	37	37	0,3	0,80	-0,30
35	41	41	0,3	0,70	-0,30
38	44	44	0,3	0,70	-0,30
40	46	46	0,3	0,70	-0,25
45	51	51	0,4	0,60	-0,25
50	56	56	0,4	0,50	-0,25
60	66	66	0,5	0,50	-0,25
63	69	69	0,5	0,40	-0,20
70	76	76	0,6	0,40	-0,20
75	82	82	0,6	0,40	-0,15
80	88	88	0,7	0,40	-0,15
90	98	98	0,8	0,30	-0,15
100	108	108	0,8	0,30	-0,10
110	118	118	0,9	0,20	-0,10
120	128	128	1,0	0,20	-0,10
125	133	133	1,0	0,20	-0,10
130	138	138	1,0	0,20	-0,10
140	148	148	1,2	0,20	-0,07
150	158	158	1,3	0,20	-0,07
160	168	168	1,5	0,20	-0,05
180	188	188	1,6	0,10	-0,05
200	208	208	2,0	0,10	-0,04
226	234	234	2,3	0,10	-0,03
250	258	258	2,6	0,10	-0,03
280	288	288	2,7	0,10	-0,02
300	308	308	2,8	0,10	-0,02
315	323	323	2,8	0,10	-0,02
350	358	358	3,1	0,05	-0,02
400	408	408	3,8	0,05	-0,01
450	460	460	4,4	0,05	-0,01
500	510	510	4,9	0,05	-0,01

Available diameters not included in the tables: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer). The standard lengths of the hoses are measured while maximum extension.

TPV San-top Heavy

A very flexible hose made of thermoplastic vulcanized TPV, reinforced with a steel spiral, with very good chemical and thermal resistance, intended for extracting hot and cold air, gases and vapors as well as transporting liquids and loose materials e.g. powders, granulates, chemicals, alkalis, acids.



	chemically resistant	acids, lyes
	ozone and UV resistant	
	flexibility	★★★
	smoothed inner wall	
	temperature resistance	-40 to +135°C
	flammability class	HB acc. to UL94
	standard lengths	5 m, 10 m, 20 m

Technical data

Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
25	32	47	0,3	1,30	-0,40
32	39	59	0,4	1,00	-0,35
35	43	65	0,4	0,90	-0,35
38	46	70	0,4	0,90	-0,35
40	48	72	0,4	0,90	-0,35
45	53	80	0,5	0,90	-0,30
50	58	87	0,5	0,80	-0,30
60	68	102	0,6	0,80	-0,25
63	71	109	0,7	0,80	-0,25
70	78	120	0,8	0,80	-0,25
75	83	125	0,8	0,70	-0,25
80	88	135	0,9	0,70	-0,20
90	100	150	1,0	0,60	-0,20
100	110	165	1,1	0,50	-0,15
110	120	180	1,2	0,50	-0,15
120	130	195	1,2	0,50	-0,15
125	135	203	1,3	0,50	-0,10
130	140	210	1,3	0,40	-0,10
140	150	225	1,6	0,40	-0,10
150	160	240	1,7	0,40	-0,10
160	170	255	2,0	0,30	-0,07
180	190	285	2,1	0,30	-0,07
200	210	315	2,6	0,30	-0,05
226	236	368	3,0	0,20	-0,04
250	260	390	3,4	0,20	-0,04
280	290	425	3,5	0,20	-0,03
300	310	445	3,6	0,20	-0,03
315	325	465	3,6	0,20	-0,03
350	360	510	4,0	0,10	-0,02
400	410	575	5,0	0,10	-0,02
450	460	645	5,7	0,10	-0,02
500	510	740	6,4	0,10	-0,02

Available diameters not included in the table: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The flow direction of the medium is marked on the hose with an arrow. It is possible to make a hose with a non-standard diameter (not included in the basic offer). The standard lengths of the hoses are measured while maximum extension.

Metal hoses

In this category you will find flexible metal suction hoses made of galvanized and stainless steel, in accordance with the requirements of the ATEX directive, with very high mechanical and thermal resistance, intended for extracting gaseous media at high temperatures and for transporting loose materials causing high abrasion.



Offered types of metal hoses:

Name	Wall material	Profile sealing	Flexibility	Temperature resistance [°C]	Range of diameters [mm]
Metal hose type A	galvanized steel	none	★★★★	to +500	18÷337
Metal hose type B	galvanized steel	silicone line	★★★	to +300	18÷337
Metal hose type B1	galvanized steel	fiberglass rope	★★★	to +500	18÷337
Metal hose type C	stainless steel	none	★★★★	to +650	50÷337
Metal hose type D	stainless steel	silicone line	★★★	to +300	50÷337
Metal hose type D1	stainless steel	fiberglass rope	★★★	to +650	50÷337

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. The standard lengths of the hoses are measured while maximum extension. In case of cutting metal hoses, ends must be secured against unwinding (by welding, for example). Polygonal construction of the hose doesn't provide 100% tightness.

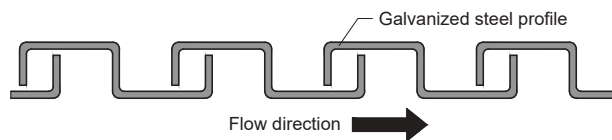
Metal hoses made of galvanized steel

Flexible polygonal metal hoses made of profiled galvanized steel with or without sealing, with high mechanical and thermal resistance, in accordance with the requirements of the ATEX directive, intended for extracting hot air and gases as well as transporting loose abrasives or as protective hoses.



Metal hose type A

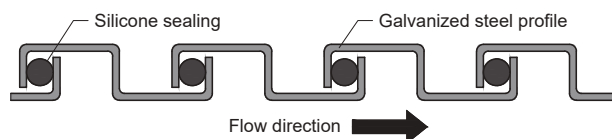
Profile without sealing, for air extraction and gravity transport.



	mechanically durable	
	temperature resistance	to +500°C
	flexibility	★★★★
	standard lengths	5 m, 10 m

Metal hose type B

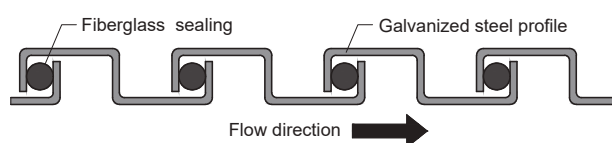
Profile with silicone sealing, for air extraction and transport of loose abrasives.



	mechanically durable	
	temperature resistance	to +300°C
	flexibility	★★★
	standard lengths	5 m, 10 m

Metal hose type B1

Profile with fiberglass sealing, for air extraction and transport of loose abrasives.



	mechanically durable	
	temperature resistance	to +500°C
	flexibility	★★★
	standard lengths	5 m, 10 m

Technical data

Inner diameter	Outer diameter	Bending radius	Approx. weight	Steel profile thickness
[mm]	[mm]	[mm]	[kg/m]	[mm]
20	24	130	0,2	0,2
26	30	160	0,3	0,2
28	32	170	0,3	0,2
30	34	180	0,3	0,2
32	36	190	0,3	0,2
35	39	205	0,3	0,2
38	42	220	0,4	0,2
40	44	230	0,4	0,2
45	49	255	0,4	0,2
48	52	270	0,4	0,2
50	60	160	0,8	0,4
60	70	215	1,0	0,4
70	80	240	1,2	0,4
80	90	270	1,3	0,4
90	100	280	1,9	0,4
100	110	300	2,0	0,4
110	120	330	2,2	0,4
120	130	380	2,4	0,4
125	135	400	2,5	0,4
130	140	410	2,9	0,4
140	150	440	3,1	0,4
150	160	460	3,4	0,4
160	170	490	3,6	0,4
180	190	545	4,0	0,4
202	212	560	5,5	0,4
225	235	630	6,2	0,4
250	260	700	6,9	0,4
280	290	760	7,5	0,4
300	310	850	8,2	0,4
337	347	910	8,8	0,4

Available diameters not included in the table: 18, 22, 55, 65, 73, 75, 85, 95, 105, 112, 124, 135, 146, 158, 168 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. The standard lengths of the hoses are measured while maximum extension. In case of cutting metal hoses, ends must be secured against unwinding (by welding, for example). Polygonal construction of the hose doesn't provide 100% tightness.

Metal hoses made of stainless steel

Flexible polygonal metal hoses made of profiled stainless steel with or without sealing, with high mechanical and thermal resistance, in accordance with the requirements of the ATEX directive, intended for extracting hot air and gases as well as transporting loose abrasives or as protective hoses.



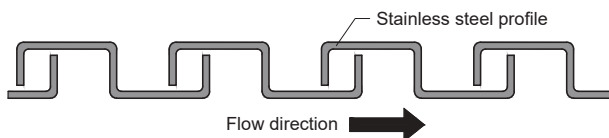
Technical data





Inner diameter	Outer diameter	Bending radius	Approx. weight
[mm]	[mm]	[kg/m]	[mm]
50	60	160	0,8
60	70	215	1,0
70	80	240	1,2
80	90	270	1,3
90	100	280	1,9
100	110	300	2,0
110	120	330	2,2
120	130	380	2,4
125	135	400	2,5
130	140	410	2,9
140	150	440	3,1
150	160	460	3,4
160	170	490	3,6
180	190	545	4,0
202	212	560	5,5
225	235	630	6,2
250	260	700	6,9
280	290	760	7,5
300	310	850	8,2
337	347	910	8,8

Available diameters not included in the table: 55, 65, 75, 85, 95, 105, 112, 124, 135, 146, 158, 168 mm

Metal hose type C

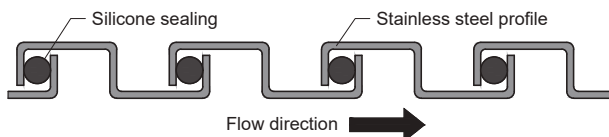
Profile without sealing, for air extraction and gravitational transport.







-  mechanically durable
-  temperature resistance to +650°C
-  flexibility ★★★★
-  standard lengths 5 m, 10 m

Metal hose type D

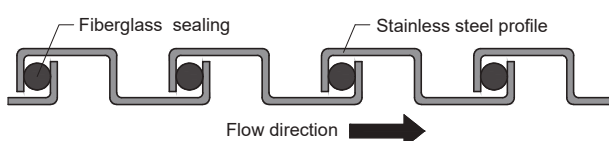
Profile with silicone sealing, for air extraction and transport of loose abrasives.







-  mechanically durable
-  temperature resistance to +300°C
-  flexibility ★★★
-  standard lengths 5 m, 10 m

Metal hose type D1

Profile with fiberglass sealing, for air extraction and transport of loose abrasives.

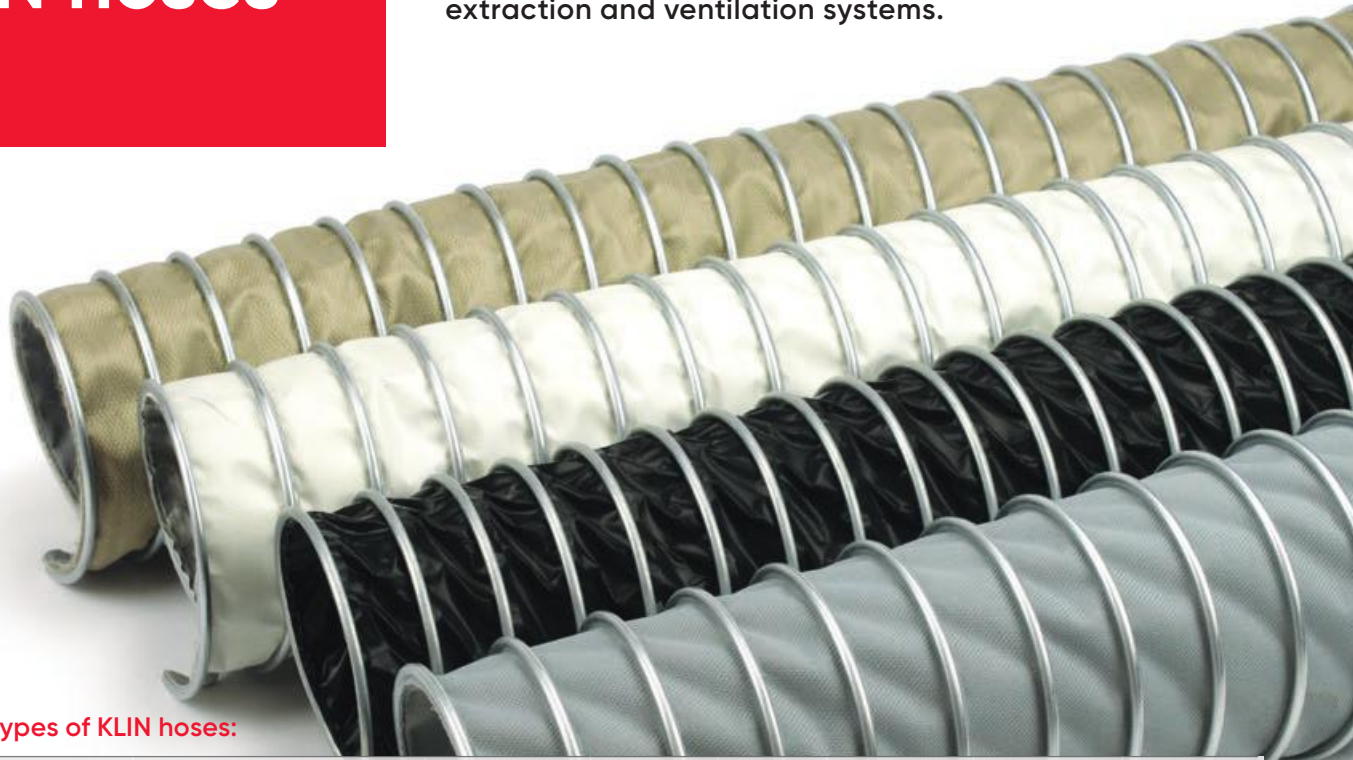


-  mechanically durable
-  temperature resistance to +650°C
-  flexibility ★★★
-  standard lengths 5 m, 10 m

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. The standard lengths of the hoses are measured while maximum extension. In case of cutting metal hoses, ends must be secured against unwinding (by welding, for example). Polygonal construction of the hose doesn't provide 100% tightness.

KLIN hoses

In this category you will find flexible ventilation hoses made of technical fabrics reinforced with an external steel spiral, intended for specialized applications in extraction and ventilation systems.



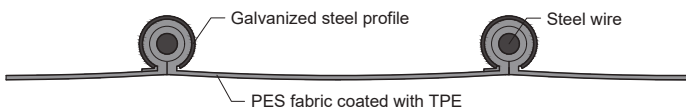
Offered types of KLIN hoses:

Name	Wall material	Spiral	Flexibility	Antistatic	Temperature resistance [°C]	Color	Range of diameters [mm]
KLIN TPE	PES fabric one-side coated with TPE	galvanized steel	*****	✗	< +120	gray	80÷1150
KLIN Fiberglass A	aluminized fiberglass fabric	galvanized steel	*****	✗	< +230	white/silver	50÷1150
KLIN Fiberglass B	double aluminized fiberglass fabric	galvanized steel	*****	✗	< +400	white/silver	50÷1150
KLIN Hi-temperature C	aluminized fiberglass fabric, stainless steel mesh	galvanized steel	*****	✗	< +500	white/silver	60÷1150
KLIN Hi-temperature D	aluminized fiberglass fabric, stainless steel mesh, thermo-protective layer	galvanized steel	****	✗	< +1100	white/silver	90÷1150
KLIN PTFE Teflo-B	fiberglass fabric both-side coated with PTFE	stainless steel	*****	✗	-70 ÷ +260	beige	100÷1150
KLIN PTFE Teflo-C	fiberglass fabric both-side coated with PTFE	stainless steel	*****	✓	-70 ÷ +260	black	100÷1150
KLIN PTFE Teflo-D	fiberglass fabric one-side coated with PTFE	galvanized steel	*****	✗	-70 ÷ +260	beige/gray	90÷1150
KLIN Silicone	fiberglass fabric both-side coated with silicone	stainless steel	*****	✗	< +250	red	100÷1150
KLIN Lutniovinyl A	PES fabric both-side coated with PVC	galvanized steel	*****	✓	-10 ÷ +80	black	90÷1150
KLIN CSM Hypa	fiberglass fabric both-side coated with CSM	galvanized steel	*****	✗	-50 ÷ +120	orange	50÷1150
KLIN Chloroprene	fiberglass fabric both-side coated with chloroprene	galvanized steel	*****	✗	-35 ÷ +100	dark gray	50÷1150
KLIN Nitril	fiberglass fabric both-side coated with nitril	galvanized steel	*****	✗	-50 ÷ +100	green	50÷1150
KLIN PUR MB	polyurethane	galvanized steel	*****	✓	-30 ÷ +90	transparent	60÷1150
KLIN PVC	softened polyvinyl chloride	galvanized steel	*****	✗	-5 ÷ +70	transparent	60÷1150
KLIN PE	HDPE fabric both-side coated with LDPE	galvanized steel	*****	✗	-40 ÷ +80	white	50÷1150

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

KLIN TPE

Very flexible suction hose made of PES fabric coated on side with TPE, reinforced with a galvanized steel external spiral, with very good thermal and chemical resistance, used in extraction and ventilation systems to remove hot gases, exhaust fumes, welding fumes, chemical fumes.



chemically resistant



temperature resistance **to +120°C**



axially compressible **1:6**



flexibility **★★★★★**



standard lengths **5 m, 10 m**

Technical data

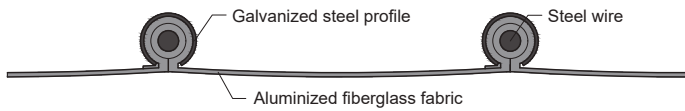
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
80	92	50	0,5	-0,11
90	102	57	0,5	-0,10
100	112	63	0,6	-0,08
110	122	69	0,6	-0,06
120	132	76	0,7	-0,05
125	137	79	0,7	-0,04
130	142	82	0,8	-0,04
140	152	88	0,8	-0,04
150	162	95	0,9	-0,03
160	172	101	1,0	-0,03
180	192	113	1,1	-0,03
200	212	126	1,3	-0,02
225	237	142	1,4	-0,02
250	262	158	1,6	-0,01
280	292	177	1,7	-0,01
300	312	189	1,8	-0,01
315	327	199	1,9	-0,01
350	362	221	2,0	-0,01
400	412	252	2,2	-0,005
450	462	284	2,5	-0,005
500	512	315	2,8	-0,005
600	612	378	3,1	-0,005
700	712	441	3,6	-0,001
800	812	504	4,1	-0,001
900	912	567	4,8	-0,001
1 000	1012	630	5,3	-0,001
1 100	1112	693	5,9	-0,001






Available diameters not included in the table: 115, 165, 175, 230, 320, 355, 470, 560, 1150

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The TPE layer is standardly placed from the inside of the hose. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

KLIN Fiberglass A

Very flexible extraction hose made of fiberglass fabric covered with aluminum, reinforced with a galvanized steel external spiral, with very good thermal resistance, used in extraction and ventilation systems to remove air, hot gases, welding fumes and dust.



	temperature resistance	to +230°C
	axially compressible	1:6
	flexibility	★★★★★
	UV resistant	
	standard lengths	5 m, 10 m

Technical data

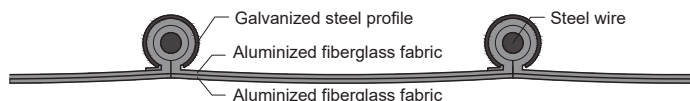
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
50	62	32	0,4	-0,20
60	72	38	0,4	-0,20
70	82	44	0,4	-0,15
80	92	50	0,5	-0,11
90	102	57	0,5	-0,10
100	112	63	0,6	-0,08
110	122	69	0,6	-0,06
120	132	76	0,7	-0,05
125	137	79	0,7	-0,04
130	142	82	0,8	-0,04
140	152	88	0,8	-0,04
150	162	95	0,9	-0,03
160	172	101	1,0	-0,03
180	192	113	1,1	-0,03
200	212	126	1,3	-0,02
225	237	142	1,4	-0,02
250	262	158	1,6	-0,01
280	292	177	1,7	-0,01
300	312	189	1,8	-0,01
315	327	199	1,9	-0,01
350	362	221	2,0	-0,01
400	412	252	2,2	-0,005
450	462	284	2,5	-0,005
500	512	315	2,8	-0,005
600	612	378	3,1	-0,005
700	712	441	3,6	-0,001
800	812	504	4,1	-0,001
900	912	567	4,8	-0,001
1 000	1012	630	5,3	-0,001
1 100	1112	693	5,9	-0,001

Available diameters not included in the table: 55, 75, 115, 165, 175, 230, 320, 355, 470, 560, 1150

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The aluminum layer is standardly placed on the outside of the hose, it is possible to make the hose with the aluminum layer on the inside of the hose for a special request. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

KLIN Fiberglass B

A very flexible extraction hose made of two layers of fiberglass fabric covered with aluminum, reinforced with a galvanized steel external spiral, with very good thermal resistance, used in extraction and ventilation systems to remove air, hot gases, welding fumes and dust.



	temperature resistance	to +400°C
	axially compressible	1:6
	flexibility	★★★★★
	UV resistant	
	standard lengths	5 m, 10 m

Technical data

Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
50	62	32	0,4	-0,20
60	72	38	0,4	-0,20
70	82	44	0,4	-0,15
80	92	50	0,5	-0,11
90	102	57	0,5	-0,10
100	112	63	0,6	-0,08
110	122	69	0,6	-0,06
120	132	76	0,7	-0,05
125	137	79	0,7	-0,04
130	142	82	0,8	-0,04
140	152	88	0,8	-0,04
150	162	95	0,9	-0,03
160	172	101	1,0	-0,03
180	192	113	1,1	-0,03
200	212	126	1,3	-0,02
225	237	142	1,4	-0,02
250	262	158	1,6	-0,01
280	292	177	1,7	-0,01
300	312	189	1,8	-0,01
315	327	199	1,9	-0,01
350	362	221	2,0	-0,01
400	412	252	2,2	-0,005
450	462	284	2,5	-0,005
500	512	315	2,8	-0,005
600	612	378	3,1	-0,005
700	712	441	3,6	-0,001
800	812	504	4,1	-0,001
900	912	567	4,8	-0,001
1 000	1012	630	5,3	-0,001
1 100	1112	693	5,9	-0,001

Available diameters not included in the table: 65, 75, 115, 165, 175, 230, 320, 355, 470, 560, 1150

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The aluminum layers are standardly placed towards itself, it is possible to make the hose with the aluminum layers on the outside for a special request. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

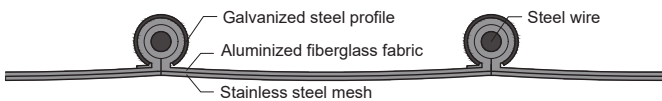
KLIN Hi-temperature

A very flexible extraction hose reinforced with an external steel galvanized spiral, with very good thermal and spark resistance, used in extraction and ventilation systems to remove hot air and gases, e.g. in welding, glass and metal works.



KLIN Hi-temperature C

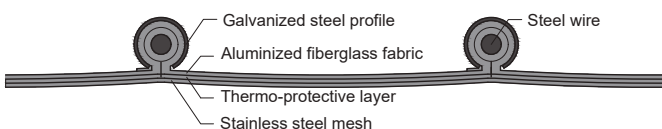
Wall is made of aluminized fiberglass fabric, reinforced with stainless steel mesh.



	temperature resistance	to +500°C
	axially compressible	1:5
	flexibility	★★★★★
	spark resistant	
	UV resistant	
	standard lengths	5 m, 10 m

KLIN Hi-temperature D

Wall is made of aluminized fiberglass fabric, reinforced with a stainless mesh with an additional heat-protective layer.



	temperature resistance	to +1100°C
	axially compressible	1:3
	flexibility	★★★★★
	spark resistant	
	UV resistant	
	standard lengths	5 m, 10 m

Technical data

Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
*60	72	38	0,4	-0,20
*70	82	44	0,5	-0,15
*80	92	50	0,5	-0,11
90	102	57	0,5	-0,10
100	112	63	0,6	-0,08
110	122	69	0,7	-0,06
120	132	76	0,7	-0,05
125	137	79	0,8	-0,04
130	142	82	0,9	-0,04
140	152	88	0,9	-0,04
150	162	95	1,0	-0,03
160	172	101	1,0	-0,03
180	192	113	1,2	-0,03
200	212	126	1,3	-0,02
225	237	142	1,4	-0,02
250	262	158	1,6	-0,01
280	292	177	1,7	-0,01
300	312	189	1,8	-0,01
315	327	199	1,9	-0,01
350	362	221	2,0	-0,01
400	412	252	2,2	-0,005
450	462	284	2,5	-0,005
500	512	315	2,8	-0,005
600	612	378	3,1	-0,005
700	712	441	3,6	-0,001
800	812	504	4,1	-0,001
900	912	567	4,8	-0,001
1 000	1012	630	5,3	-0,001
1 100	1112	693	5,9	-0,001

* Available diameters not included in the table: *45, *75, *115, *165, *175, *230, *320, *355, *470, *560, *1150
* only KLIN Hi-temperature C

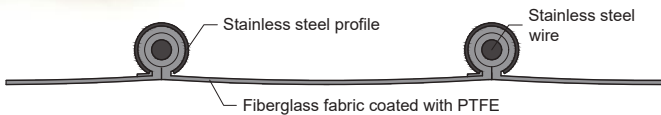
Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. The aluminum layers are standardly placed towards itself, it is possible to make the hose with the aluminum layers on the outside for a special request. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.






KLIN PTFE

Very flexible chemically resistant suction hoses made of fiberglass fabric coated on both sides with PTFE reinforced with a steel external spiral, with excellent chemical resistance and very good thermal resistance, used in extraction and ventilation systems to remove chemically aggressive gases and vapors, cold or hot air and dust.



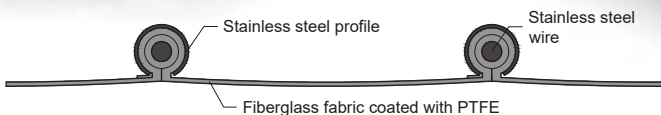
KLIN PTFE Teflo-B









-  chemically resistant
-  temperature resistance -70 ÷ +260°C
-  axially compressible 1:7
-  flexibility ★★★★★
-  standard lengths 5 m, 10 m



KLIN PTFE Teflo-C



-  antistatic <math><10^6 \Omega</math>
-  chemically resistant
-  temperature resistance -70 ÷ +260°C
-  axially compressible 1:7
-  flexibility ★★★★★
-  standard lengths 5 m, 10 m

Technical data

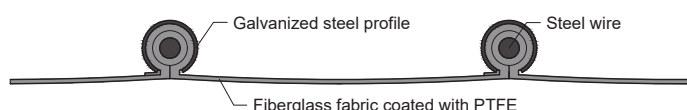
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
100	112	63	0,5	-0,08
110	122	69	0,5	-0,06
120	132	76	0,6	-0,05
125	137	79	0,6	-0,04
130	142	82	0,6	-0,04
140	152	88	0,7	-0,04
150	162	95	0,7	-0,03
160	172	101	0,8	-0,03
180	192	113	0,9	-0,03
200	212	126	1,0	-0,02
225	237	142	1,1	-0,02
250	262	158	1,2	-0,01
280	292	177	1,4	-0,01
300	312	189	1,5	-0,01
315	327	199	1,5	-0,01
350	362	221	1,7	-0,01
400	412	252	1,9	-0,005
450	462	284	2,2	-0,005
500	512	315	2,6	-0,005
600	612	378	2,7	-0,005
700	712	441	3,1	-0,001
800	812	504	3,6	-0,001
900	912	567	4,1	-0,001
1 000	1012	630	4,7	-0,001
1 100	1112	693	5,9	-0,001


Available diameters not included in the table: 115, 165, 175, 230, 320, 355, 470, 560, 1150 mm (for version with galvanized spiral: 50, 60, 65, 70, 75, 80, 90 mm)


Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.


KLIN PTFE Teflo-D


Very flexible chemically resistant suction hoses made of fiberglass fabric coated on side with PTFE, reinforced with a steel external spiral, with excellent chemical resistance and very good thermal resistance, used in extraction and ventilation systems to remove chemically aggressive gases and vapors, cold or hot air and dust.




-  chemically resistant

-  temperature resistance -70 ÷ +260°C

-  axially compressible 1:6

-  flexibility ★★★★★

-  standard lengths 5 m, 10 m

Technical data

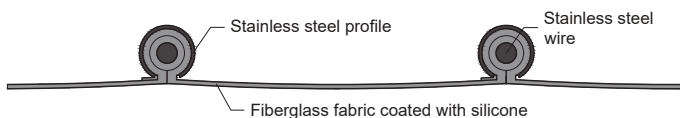
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
90	102	57	0,5	-0,10
100	112	63	0,5	-0,08
110	122	69	0,6	-0,06
120	132	76	0,7	-0,05
125	137	79	0,7	-0,04
130	142	82	0,8	-0,04
140	152	88	0,8	-0,04
150	162	95	0,9	-0,03
160	172	101	0,9	-0,03
180	192	113	1,1	-0,03
200	212	126	1,2	-0,02
225	237	142	1,3	-0,02
250	262	158	1,4	-0,01
280	292	177	1,6	-0,01
300	312	189	1,7	-0,01
315	327	199	1,8	-0,01
350	362	221	1,9	-0,01
400	412	252	2,1	-0,005
450	462	284	2,4	-0,005
500	512	315	2,6	-0,005
600	612	378	3,0	-0,005
700	712	441	3,6	-0,001
800	812	504	3,9	-0,001
900	912	567	4,5	-0,001
1 000	1012	630	5,2	-0,001
1 100	1112	693	5,9	-0,001

Available diameters not included in the table: 115, 165, 175, 230, 320, 355, 470, 560, 1150mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

KLIN Silicone

Very flexible suction hose made of fiberglass fabric coated with silicone on both sides, reinforced with a steel stainless steel external spiral, with very good chemical and thermal resistance, used in extraction and ventilation systems to remove cold and hot air, steam, exhaust gases and chemical fumes.



chemically resistant



temperature resistance **to +250°C**



axially compressible **1:6**



flexibility **★★★★★**



standard lengths **5 m, 10 m**

Technical data

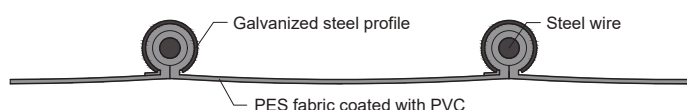
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
100	112	63	0,6	-0,08
110	122	69	0,6	-0,06
120	132	76	0,7	-0,05
125	137	79	0,7	-0,04
130	142	82	0,7	-0,04
140	152	88	0,7	-0,04
150	162	95	0,8	-0,03
160	172	101	0,8	-0,03
180	192	113	0,9	-0,03
200	212	126	1,0	-0,02
225	237	142	1,2	-0,02
250	262	158	1,3	-0,01
280	292	177	1,4	-0,01
300	312	189	1,6	-0,01
315	327	199	1,6	-0,01
350	362	221	1,8	-0,01
400	412	252	2,0	-0,005
450	462	284	2,3	-0,005
500	512	315	2,5	-0,005
600	612	378	2,8	-0,005
700	712	441	3,2	-0,001
800	812	504	3,7	-0,001
900	912	567	4,2	-0,001
1 000	1012	630	4,8	-0,001
1 100	1112	693	5,9	-0,001

Available diameters not included in the table: 115, 165, 175, 230, 320, 355, 470, 560, 1150 mm (for version with galvanized spiral: 50, 60, 65, 70, 75, 80, 90 mm)

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

KLIN Lutniovinyl A

Very flexible antistatic suction hose made of PES fabric covered on both sides with PVC, reinforced with a galvanized steel external spiral, with very good chemical resistance, used in extraction and ventilation systems in explosion hazard areas, in mines for the removal of air and dust, for smoke and welding gas extraction.



	antistatic	<math> <10^6 \Omega </math>
	chemically resistant	
	temperature resistance	$-10 \div +80^{\circ}\text{C}$
	axially compressible	1:6
	flexibility	★★★★★
	UV resistant	
	incombustible	acc. to ISO 6940
	standard lengths	5 m, 10 m

Technical data

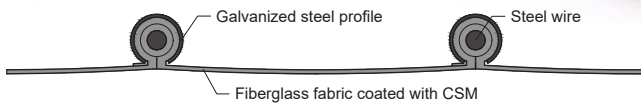
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
90	102	57	0,5	-0,10
100	112	63	0,5	-0,08
110	122	69	0,6	-0,06
120	132	76	0,7	-0,05
125	137	79	0,7	-0,04
130	142	82	0,8	-0,04
140	152	88	0,8	-0,04
150	162	95	0,9	-0,03
160	172	101	0,9	-0,03
180	192	113	1,1	-0,03
200	212	126	1,2	-0,02
225	237	142	1,3	-0,02
250	262	158	1,4	-0,01
280	292	177	1,6	-0,01
300	312	189	1,7	-0,01
315	327	199	1,8	-0,01
350	362	221	1,9	-0,01
400	412	252	2,1	-0,005
450	462	284	2,4	-0,005
500	512	315	2,6	-0,005
600	612	378	3,0	-0,005
700	712	441	3,6	-0,001
800	812	504	3,9	-0,001
900	912	567	4,5	-0,001
1 000	1012	630	5,2	-0,001
1 100	1112	693	5,9	-0,001

Available diameters not included in the table: 115, 165, 175, 230, 320, 355, 470, 560, 1150mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

KLIN CSM Hypa

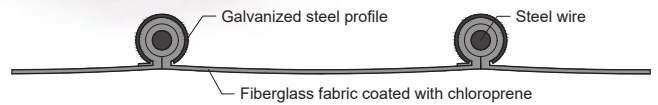
Very flexible suction hose made of fiberglass fabric coated with CSM on both sides, reinforced with a steel galvanized external spiral, with very good chemical and thermal resistance, used in extraction and ventilation systems to remove cold and hot air, steam, exhaust gases and chemical fumes.



	chemically resistant	acids and bases
	temperature resistance	-50°C to +120°C
	axially compressible	1:6
	flexibility	★★★★★
	ozone and UV resistant	
	standard lengths	5 m, 10 m

KLIN Chloroprene

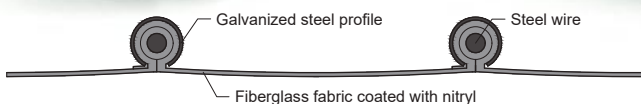
A very flexible suction hose made of fiberglass fabric coated with chloroprene on both sides, reinforced with a steel galvanized external spiral, with very good chemical and thermal resistance, used in extraction and ventilation systems to remove gaseous media and chemical vapors.



	chemically resistant	acids, bases, solvents, ketones
	temperature resistance	-35°C to +100°C
	axially compressible	1:6
	flexibility	★★★★★
	standard lengths	5 m, 10 m

KLIN Nitril

A very flexible suction hose made of fiberglass fabric coated with chloroprene on both sides, reinforced with a steel galvanized external spiral, with very good chemical and thermal resistance, used in extraction and ventilation systems to remove gaseous media and chemical vapors.



	chemically resistant	solvents, alcohols
	temperature resistance	-50°C to +100°C
	axially compressible	1:6
	flexibility	★★★★★
	standard lengths	5 m, 10 m

Technical data

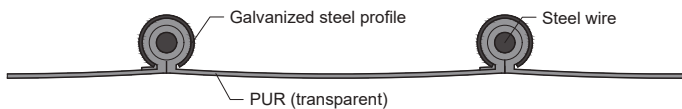
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
50	62	32	0,3	-0,20
60	72	38	0,4	-0,20
80	92	50	0,4	-0,11
100	112	63	0,5	-0,08
110	122	69	0,5	-0,06
120	132	76	0,6	-0,05
125	137	79	0,6	-0,04
130	142	82	0,6	-0,04
150	162	95	0,7	-0,03
180	192	113	0,9	-0,03
200	212	126	1,0	-0,02
250	262	158	1,2	-0,01
300	312	189	1,5	-0,01
350	362	221	1,7	-0,01
400	412	252	1,9	-0,005
500	512	315	2,6	-0,005

Available diameters not included in the table: 65, 70, 75, 90, 115, 140, 160, 165, 175, 225, 230, 280, 315, 320, 355, 450, 470, 560, 600, 700, 800, 900, 1000, 1100, 1150 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

KLIN PUR MB

Very flexible polyurethane extraction hose, reinforced with a galvanized steel external spiral, with very good abrasion resistance, used in extraction and ventilation systems to remove gaseous media and fine-grained loose abrasive materials such as dust, powders, sawdust, etc.



	abrasion resistant	
	antistatic	<math><10^9 \Omega</math>
	axially compressible	1:7
	flexibility	★★★★★
	temperature resistance	-30 to +90°C
	flammability class	V-II wg UL94
	standard lengths	5 m, 10 m

KLIN PUR is also available in the following variants:

KLIN PUR MB	highly abrasion resistant and antistatic	
KLIN PUR EL	to potentially explosive areas (<math><10^3 \Omega \text{ Ohm}</math>)	
KLIN PUR TM	for working at elevated temperatures (<math><110^\circ\text{C}</math>)	
KLIN PUR UN	flame retardant (V-0 according to UL94)	

Technical data

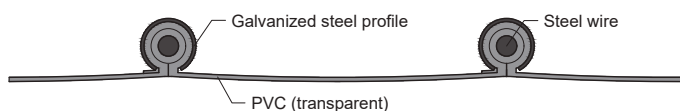
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
60	72	38	0,6	-0,20
70	82	44	0,7	-0,15
80	92	50	0,8	-0,11
90	102	57	0,9	-0,10
100	112	63	1,0	-0,08
110	122	69	1,1	-0,06
120	132	76	1,2	-0,05
125	137	79	1,2	-0,04
130	142	82	1,3	-0,04
140	152	88	1,3	-0,04
150	162	95	1,4	-0,03
160	172	101	1,4	-0,03
180	192	113	1,5	-0,03
200	212	126	1,6	-0,02
225	237	142	1,7	-0,02
250	262	158	1,8	-0,01
280	292	177	1,9	-0,01
300	312	189	2,0	-0,01
315	327	199	2,0	-0,01
350	362	221	2,2	-0,01
400	412	252	2,4	-0,005
450	462	284	2,6	-0,005
500	512	315	2,9	-0,005
600	612	378	3,4	-0,005
700	712	441	4,0	-0,001
800	812	504	4,5	-0,001
900	912	567	5,2	-0,001
1 000	1012	630	5,7	-0,001
1 100	1112	693	5,9	-0,001


Available diameters not included in the table: 65, 75, 115, 165, 175, 230, 320, 355, 470, 560, 1150 mm


Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.


KLIN PVC


A very flexible extraction hose made of softened polyvinyl chloride (PVC), reinforced with a galvanized steel external spiral, with very good chemical resistance, used in extraction and ventilation systems to remove air, gases, chemical vapors, oil mist or dust.





-  chemically resistant

-  resistant to hydrolysis

-  temperature resistance -5 to +70°C

-  axially compressible 1:7

-  flexibility ★★★★★

-  standard lengths 5 m, 10 m

Technical data

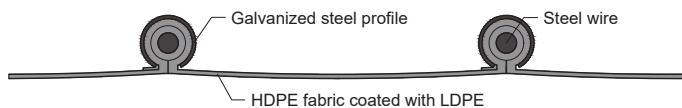
Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
60	72	38	0,6	-0,20
70	82	44	0,7	-0,15
80	92	50	0,8	-0,11
90	102	57	0,9	-0,10
100	112	63	1,0	-0,08
110	122	69	1,1	-0,06
120	132	76	1,2	-0,05
125	137	79	1,2	-0,04
130	142	82	1,3	-0,04
140	152	88	1,3	-0,04
150	162	95	1,4	-0,03
160	172	101	1,4	-0,03
180	192	113	1,5	-0,03
200	212	126	1,6	-0,02
225	237	142	1,7	-0,02
250	262	158	1,8	-0,01
280	292	177	1,9	-0,01
300	312	189	2,0	-0,01
315	327	199	2,0	-0,01
350	362	221	2,2	-0,01
400	412	252	2,4	-0,005
450	462	284	2,6	-0,005
500	512	315	2,9	-0,005
600	612	378	3,4	-0,005
700	712	441	4,0	-0,001
800	812	504	4,5	-0,001
900	912	567	5,2	-0,001
1 000	1012	630	5,7	-0,001
1 100	1112	693	5,9	-0,001

Available diameters not included in the table: 65, 75, 115, 165, 175, 230, 320, 365, 470, 560, 1150 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

KLIN PE

Very flexible chemically resistant suction hoses made of HDPE fabric coated on both sides with LDPE, reinforced with a galvanized steel external spiral, with excellent chemical resistance, used in extraction and ventilation systems to remove chemically aggressive gases and vapors, air and dust.



chemically resistant



temperature resistance **-40°C to +80°C**



axially compressible **1:6**



flexibility **★★★★★**



standard lengths **5 m, 10 m**

Technical data

Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
60	72	38	0,4	-0,20
70	82	44	0,4	-0,15
80	92	50	0,4	-0,11
90	102	57	0,5	-0,10
100	112	63	0,5	-0,08
110	122	69	0,5	-0,06
120	132	76	0,6	-0,05
125	137	79	0,6	-0,04
130	142	82	0,6	-0,04
140	152	88	0,7	-0,04
150	162	95	0,7	-0,03
160	172	101	0,8	-0,03
180	192	113	0,9	-0,03
200	212	126	1,0	-0,02
225	237	142	1,1	-0,02
250	262	158	1,2	-0,01
280	292	177	1,4	-0,01
300	312	189	1,5	-0,01
315	327	199	1,5	-0,01
350	362	221	1,7	-0,01
400	412	252	1,9	-0,005
450	462	284	2,2	-0,005
500	512	315	2,6	-0,005
600	612	378	2,7	-0,005
700	712	441	3,1	-0,001
800	812	504	3,6	-0,001
900	912	567	4,1	-0,001
1 000	1012	630	4,7	-0,001
1 100	1112	693	5,9	-0,001

Available diameters not included in the table: 65, 75, 115, 165, 175, 230, 320, 355, 470, 560, 1150 mm

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. To discharge static electricity, ground the spiral. It is possible to make a hose with a non-standard diameter (not included in the basic offer) on a special request. It is possible to make a KLIN hose whether with galvanized spiral or stainless steel spiral for a special request. The standard lengths of the hoses are measured while maximum extension.

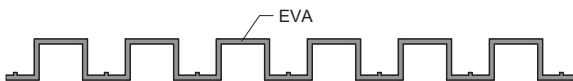
EVA

Very flexible and light suction hose with high resistance to crushing and twisting, gas and watertight, ozone and UV resistant, intended for industrial and household vacuum cleaners, cleaning machines and dust collection systems for removing, among others polluted air, dust, fine particles, oils, alkalis, acids.



Technical data

Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
[mm]	[mm]	[mm]	[kg/m]	[bar]
32	38	70	0,2	-0,4
38	48	80	0,2	-0,4
50	63	100	0,3	-0,4



	abrasion resistant	
	chemically resistant	
	ozone and UV resistant	
	flexibility	★★★★★
	surface resistance	10^{11} Ω
	temperature resistance	-30°C to +70°C

Tolerance for the parameters contained in this catalog is about 5%. All parameters apply for room temperature. The standard lengths of the hoses are measured while maximum extension.

Hose accessories

The offer is expanded with various types of hose accessories made of galvanized or stainless steel and polyurethane. It is possible to make elements according to customer requirements on a special order.

OFFERED PRODUCT TYPES:

CONNECTORS

REDUCTIONS

TEES

END CONNECTORS

VALVES

CLAMPS

NON-STANDARD ELEMENTS



Galvanized steel connectors

Metal connectors and elements made of 0.5 mm tin-welded galvanized steel. In addition to the standard products, it is possible to order non-standard elements according to individual requirements.

- Connectors
- Reductions
- Y-shaped tees
- T-shaped tees
- Valves
- Non-standard elements



Polyurethane elements

Connectors made of colored polyurethane.

- End connectors
- Connectors
- Reductions
- Tees
- Non-standard elements



Clamps

A wide range of hose clamps.

- Stainless steel hose clamps W2
- Stainless steel hose clamps with bridge
- Stainless steel hose clamps GBS W1
- Non-standard stainless steel hose clamps





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