



**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 30 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 inner diameters is ± 2 mm. 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. Please let us know your preferred method of hose packaging when placing your order.

In the case of independent transport, hoses must be properly secured against mechanical and atmospheric damage.

Always check the condition of a consignment when receiving goods from a transport company. Do not accept damaged goods from the carrier or have a report drawn up. Subsequent claims for goods damaged in transit cannot be accepted.

The unit lengths of the hoses are measured while maximum extension.

PLEASE NOTE: Returns are only possible on standard length orders.

3. Storage and operation

Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department.

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 indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Reverse assembly will result in faster hose wear. If there is no arrow on the hose, please contact our sales department.

In order to discharge static electricity, the spiral must be grounded on both sides. Instructions for the correct grounding of the hose spiral are available on our website and in the sales department.

The spiral in PUR, PVC, San-top and Uni-Silic hoses is right-handed. The spiral in KLIN, Metalhex and EVA hoses is left-handed.

LEGEND:

 hose suitable for transporting gaseous media

 hose suitable for transporting liquid media

 hose suitable for transporting solid media

 abrasion resistant

 surface resistance

 flexibility

 axial compressible

 standard lengths

 smoothed inner wall of the hose

 spark resistant

 thermal resistance

 inflammability class

 increased pressure resistance

 resistant to hydrolysis

 chemical resistant

 UV and ozone resistant

 UV resistant

 mechanically durable

 suitable for contact with food

 antibacterial - nanosilver particles

 minimal order quantity

☆☆☆☆ – lowest value

★★★★ – highest value

PUR polyurethane hoses

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



ECO-FRIENDLY
PRODUCTION

Offered types of PUR hoses:

Name	Wall thickness [mm]	Flexibility	Vacuum resistance	Smoothed inner wall	Diameters [mm]
PUR FUL04	0,4	★★★★★	★★☆☆☆	✗	32÷350
PUR F05	0,5	★★★★★	★★☆☆☆	✗	32÷650
PUR E06	0,6	★★★★☆	★★★★☆	✓	50÷500
PUR L07	0,7	★★★★☆	★★★★☆	✓	25÷500
PUR SL09	0,9	★★★★☆	★★★★☆	✓	25÷500
PUR C14	1,4	★★★★☆	★★★★☆	✓	25÷500
PUR SC21	2,1	★★★★☆	★★★★★	✓	25÷500
PUR SPR24	2,4	★★☆☆☆	★★★★★	✓	100÷500
PUR Mamut	5÷7	★★☆☆☆	★★★★★	✓	200÷400
PUR RF08	0,8	★★★★★	☆☆☆☆☆	✓	90÷650
PUR RL14	1,4	★★★★☆	☆☆☆☆☆	✓	90÷450
PUR RP40	4	★★☆☆☆	☆☆☆☆☆	✓	90÷450

Material variants of PUR hoses:

Symbol	Intended use	Temperature resistance [°C]	Flammability class (acc. to U194)	Surface preistance [Ω]	Colour	Resistance to hydrolysis and microbes	Certificates and attestations	Spiral
MB	transfer of loose abrasives	-30 ÷ +90	V-2	<10 ⁹	transparent	★★★☆☆	Atest PZH*	copper-plated spring wire
EL	potentially explosive areas	-30 ÷ +80	-	<10 ³	black	★★★★★	Atest GIG**	copper-plated spring wire
TM	work at elevated temperatures	-30 ÷ +110	V-2	<10 ⁹	transparent	★★★☆☆	-	copper-plated spring wire
AG	transmission of hydrolysis media	-30 ÷ +80	V-2	<10 ⁹	transparent	★★★★★	Atest PZH*	copper-plated spring wire
SP	for contact with food	-30 ÷ +90	V-2	<10 ⁹	transparent	★★★☆☆	Atest PZH*	stainless wire

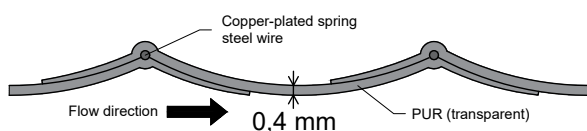
*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats.

**Atest GIG – attestation issued by the Central Mining Institute.

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PUR FUL04 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, loose food products etc.



abrasion resistant

★★★★★



antistatic

<10° Ω



suitable for contact with food

Atest PZH*



axially compressible

~1:5



flexibility

★★★★★



temperature resistance

-30°C ÷ +90°C



flammability class

V-2 acc. to UL94



standard lengths

10 m

Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
1-MB-16-0032	32	36	36	0,1	-0,22
1-MB-16-0035	35	39	39	0,2	-0,21
1-MB-16-0040	40	44	46	0,2	-0,2
1-MB-16-0050	50	54	54	0,3	-0,16
1-MB-16-0060	60	64	64	0,3	-0,13
1-MB-16-0063	63	67	67	0,3	-0,13
1-MB-16-0070	70	74	74	0,4	-0,1
1-MB-16-0080	80	84	84	0,4	-0,09
1-MB-16-0090	90	94	94	0,5	-0,06
1-MB-16-0100	100	104	104	0,5	-0,06
1-MB-16-0110	110	114	114	0,6	-0,05
1-MB-16-0120	120	124	124	0,6	-0,05
1-MB-16-0125	125	129	129	0,6	-0,05
1-MB-16-0130	130	134	134	0,7	-0,05
1-MB-16-0140	140	144	144	0,7	-0,04
1-MB-16-0150	150	154	154	0,8	-0,04
1-MB-16-0160	160	164	164	0,8	-0,03
1-MB-16-0180	180	184	184	0,9	-0,03
1-MB-16-0200	200	204	204	1,2	-0,02
1-MB-16-0226	226	232	232	1,4	-0,02
1-MB-16-0250	250	256	255	1,5	-0,02
1-MB-16-0280	280	286	286	1,7	-0,02
1-MB-16-0300	300	306	306	1,8	-0,02

Additional available diameters [mm]: 85, 127, 145, 152, 155, 165, 170, 190, 203, 210, 220, 270, 275, 350.

PUR FUL04 is available in the following variants:

PUR FUL04 MB

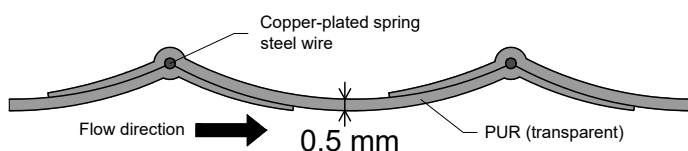
highly abrasion resistant
and antistatic



*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats. 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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PUR F05 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, loose food products etc.



abrasion resistant

★★★★★



antistatic

<10⁹ Ω



suitable for contact with food

Atest PZH*



axially compressible

~1:5



flexibility

★★★★★



temperature resistance

-30°C ÷ +90°C



flammability class

V-2 acc. to UL94



standard lengths

10 m

Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
1-MB-08-0032	32	36	36	0,1	-0,25
1-MB-08-0035	35	39	39	0,2	-0,23
1-MB-08-0040	40	44	46	0,2	-0,22
1-MB-08-0050	50	54	54	0,3	-0,18
1-MB-08-0060	60	64	64	0,3	-0,15
1-MB-08-0063	63	67	67	0,3	-0,14
1-MB-08-0070	70	74	74	0,4	-0,12
1-MB-08-0080	80	84	84	0,4	-0,10
1-MB-08-0090	90	94	94	0,5	-0,08
1-MB-08-0100	100	104	104	0,5	-0,07
1-MB-08-0110	110	114	114	0,6	-0,07
1-MB-08-0120	120	124	124	0,6	-0,06
1-MB-08-0125	125	129	129	0,6	-0,06
1-MB-08-0130	130	134	134	0,7	-0,06
1-MB-08-0140	140	144	144	0,7	-0,05
1-MB-08-0150	150	154	154	0,8	-0,05
1-MB-08-0160	160	164	164	0,9	-0,04
1-MB-08-0180	180	184	184	1,0	-0,03
1-MB-08-0200	200	204	204	1,1	-0,03
1-MB-08-0226	226	232	232	1,4	-0,02
1-MB-08-0250	250	256	255	1,6	-0,02
1-MB-08-0280	280	286	286	1,8	-0,02
1-MB-08-0300	300	306	306	1,9	-0,02
1-MB-08-0315	315	321	321	2,0	-0,02
1-MB-08-0350	350	356	356	2,3	-0,02
1-MB-08-0400	400	408	408	2,7	-0,01
1-MB-08-0500	500	510	510	3,3	-0,01
1-MB-08-0600	600	610	610	4,0	-0,01
1-MB-08-0650	650	660	660	4,3	-0,01

Additional available diameters [mm]: 85, 127, 145, 152, 155, 165, 170, 190, 203, 210, 220, 270, 275.

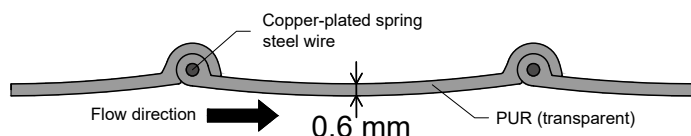
PUR F05 is available in the following variants:

PUR F05 MB	highly abrasion resistant and antistatic	
PUR F05 EL	potentially explosive areas (<10 ³ Ω)	
PUR F05 TM	work at elevated temperatures (<110°C)	
PUR F05 AG	transmission of hydrolysis media	
PUR F05 SP	certificated for contact with food (inox spiral)	

*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats. 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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PUR E06 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, loose food products etc.



abrasion resistant

★★★★★



antistatic

<10° Ω



suitable for contact with food

Atest PZH*



flexibility

★★★★☆



smoothed inner wall

✓



temperature resistance

-30°C ÷ +90°C



flammability class

V-2 acc. to UL94



standard lengths

5 m, 10 m, 20 m

Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
1-MB-15-0050	50	56	56	0,4	1,6	-0,48
1-MB-15-0060	60	66	66	0,5	1,4	-0,41
1-MB-15-0063	63	69	69	0,5	1,3	-0,36
1-MB-15-0070	70	77	77	0,6	1,1	-0,34
1-MB-15-0075	75	82	82	0,6	1	-0,27
1-MB-15-0080	80	88	88	0,7	0,9	-0,25
1-MB-15-0090	90	98	98	0,7	0,8	-0,20
1-MB-15-0100	100	108	108	1,0	0,8	-0,20
1-MB-15-0110	110	118	118	1,1	0,7	-0,20
1-MB-15-0120	120	128	128	1,2	0,7	-0,20
1-MB-15-0125	125	133	133	1,2	0,6	-0,20
1-MB-15-0130	130	138	138	1,3	0,5	-0,20
1-MB-15-0140	140	148	148	1,4	0,5	-0,15
1-MB-15-0150	150	158	158	1,5	0,5	-0,15
1-MB-15-0160	160	168	168	1,6	0,5	-0,15
1-MB-15-0180	180	188	188	1,7	0,4	-0,15
1-MB-15-0200	200	208	208	1,9	0,4	-0,15
1-MB-15-0226	226	234	234	2,2	0,2	-0,07
1-MB-15-0250	250	258	258	2,4	0,2	-0,05
1-MB-15-0280	280	288	288	2,7	0,2	-0,05
1-MB-15-0300	300	308	308	2,9	0,2	-0,05
1-MB-15-0315	315	323	323	4,0	0,2	-0,05
1-MB-15-0350	350	358	358	4,4	0,2	-0,05
1-MB-15-0400	400	408	408	5,0	0,1	-0,05
1-MB-15-0450	450	460	460	5,7	0,1	-0,05
1-MB-15-0500	500	510	520	6,3	0,1	-0,05

Additional available diameters [mm]: 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

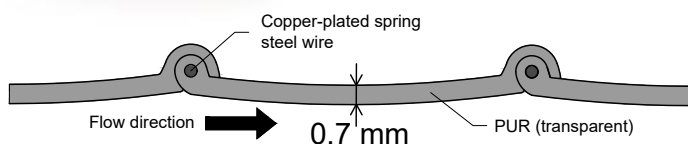
PUR E06 is available in the following variants:

PUR E06 MB	highly abrasion resistant and antistatic	
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*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats. 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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PUR L07 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, loose food products etc.



	abrasion resistant	★★★★★
	antistatic	<10 ⁹ Ω
	suitable for contact with food	Atest PZH*
	flexibility	★★★★☆
	smoothed inner wall	✓
	temperature resistance	-30°C ÷ +90°C
	flammability class	V-2 acc. to UL94
	standard lengths	5 m, 10 m, 20 m

Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
1-MB-01-0025	25	30	30	0,3	3,1	-0,76
1-MB-01-0032	32	37	37	0,3	2,4	-0,69
1-MB-01-0035	35	40	40	0,4	2,1	-0,65
1-MB-01-0038	38	44	44	0,4	1,9	-0,64
1-MB-01-0040	40	45	46	0,4	1,9	-0,64
1-MB-01-0045	45	48	46	0,4	1,7	-0,56
1-MB-01-0050	50	56	56	0,5	1,6	-0,48
1-MB-01-0060	60	66	66	0,5	1,4	-0,41
1-MB-01-0063	63	69	69	0,6	1,3	-0,36
1-MB-01-0070	70	77	77	0,6	1,1	-0,34
1-MB-01-0075	75	82	82	0,7	1	-0,27
1-MB-01-0080	80	88	88	0,7	0,9	-0,25
1-MB-01-0090	90	98	98	0,8	0,8	-0,20
1-MB-01-0100	100	108	108	1,0	0,8	-0,20
1-MB-01-0110	110	118	118	1,1	0,7	-0,20
1-MB-01-0120	120	128	128	1,2	0,7	-0,20
1-MB-01-0125	125	133	133	1,2	0,6	-0,20
1-MB-01-0130	130	138	138	1,3	0,5	0,20
1-MB-01-0140	140	148	148	1,4	0,5	-0,15
1-MB-01-0150	150	158	158	1,5	0,5	-0,15
1-MB-01-0160	160	168	168	1,6	0,5	-0,15
1-MB-01-0180	180	188	188	1,8	0,4	-0,15
1-MB-01-0200	200	208	208	2,0	0,4	-0,15
1-MB-01-0226	226	234	234	2,2	0,2	-0,07
1-MB-01-0250	250	258	258	2,5	0,2	-0,05
1-MB-01-0280	280	288	288	2,8	0,2	-0,05
1-MB-01-0300	300	308	308	3,7	0,2	-0,05
1-MB-01-0315	315	323	323	3,9	0,2	-0,05
1-MB-01-0350	350	358	358	4,3	0,2	-0,05
1-MB-01-0400	400	408	408	4,9	0,1	-0,05
1-MB-01-0450	450	460	460	5,6	0,1	-0,05
1-MB-01-0500	500	510	510	6,2	0,1	-0,05

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

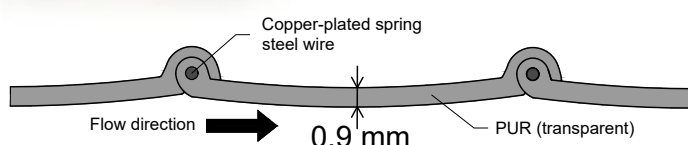
PUR L07 is available in the following variants:

PUR L07 MB	highly abrasion resistant and antistatic	
PUR L07 EL	work at elevated temperatures (<10 ³ Ω)	
PUR L07 TM	work at elevated temperatures (<110°C)	
PUR L07 AG	transmission of hydrolysis media	
PUR L07 SP	certificated for contact with food (inox spiral)	

*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats. 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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PUR SL09 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, loose food products etc.



	abrasion resistant	★★★★★
	antistatic	<10 ⁹ Ω
	suitable for contact with food	Atest PZH*
	flexibility	★★★★☆
	smoothed inner wall	✓
	temperature resistance	-30°C ÷ +90°C
	flammability class	V-2 acc. to UL94
	standard lengths	5 m, 10 m, 20 m

PUR SL09 is available in the following variants:

PUR SL09 MB	highly abrasion resistant and antistatic	
PUR SL09 EL	potentially explosive areas (<10 ⁹ Ω)	
PUR SL09 TM	work at elevated temperatures (<110°C)	
PUR SL09 AG	transmission of hydrolysis media	
PUR SL09 SP	certificated for contact with food (inox spiral)	

Technical data

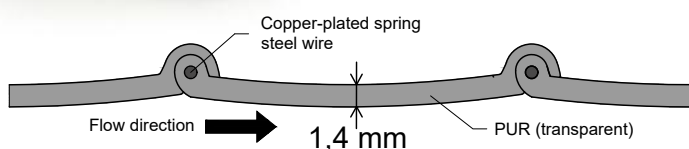
Product code	Inner diameter [mm]	Outer diameter [mm]	Bending radius [mm]	Approx. weight [kg/m]	Pressure [bar]	Vacuum [bar]
1-MB-02-0025	25	32	47	0,3	3,1	-0,76
1-MB-02-0032	32	39	59	0,3	2,4	-0,69
1-MB-02-0035	35	40	40	0,3	2,1	-0,65
1-MB-02-0038	38	46	70	0,4	1,9	-0,64
1-MB-02-0040	40	48	72	0,4	1,9	-0,64
1-MB-02-0045	45	53	80	0,4	1,7	-0,56
1-MB-02-0050	50	58	87	0,5	1,6	-0,48
1-MB-02-0060	60	68	102	0,6	1,4	-0,41
1-MB-02-0063	63	71	109	0,6	1,2	-0,34
1-MB-02-0070	70	78	120	0,6	1,1	-0,34
1-MB-02-0075	75	83	125	0,7	1	-0,27
1-MB-02-0080	80	88	135	0,7	0,9	-0,25
1-MB-02-0090	90	100	150	0,8	0,8	-0,20
1-MB-02-0100	100	110	165	1,0	0,8	-0,20
1-MB-02-0110	110	120	180	1,1	0,7	-0,20
1-MB-02-0120	120	130	195	1,2	0,7	-0,20
1-MB-02-0125	125	135	203	1,2	0,6	-0,20
1-MB-02-0130	130	140	210	1,3	0,5	-0,20
1-MB-02-0140	140	150	225	1,4	0,5	-0,15
1-MB-02-0150	150	160	240	1,5	0,5	-0,15
1-MB-02-0160	160	170	255	1,6	0,5	-0,15
1-MB-02-0180	180	190	285	1,8	0,4	-0,15
1-MB-02-0200	200	210	315	2,0	0,4	-0,15
1-MB-02-0226	226	236	362	2,2	0,2	-0,07
1-MB-02-0250	250	260	390	2,5	0,2	-0,05
1-MB-02-0280	280	290	420	2,8	0,2	-0,05
1-MB-02-0300	300	310	445	2,9	0,2	-0,05
1-MB-02-0315	315	325	465	3,8	0,2	-0,05
1-MB-02-0350	350	360	510	4,2	0,2	-0,05
1-MB-02-0400	400	410	573	4,8	0,1	-0,05
1-MB-02-0450	450	460	610	5,4	0,1	-0,05
1-MB-02-0500	500	510	650	6,0	0,1	-0,05

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats. 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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PUR C14 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, loose food products etc.



abrasion resistant

★★★★★



antistatic

<10⁹ Ω



suitable for contact with food

Atest PZH*



flexibility

★★★★☆☆



smoothed inner wall



temperature resistance

-30°C ÷ +90°C



flammability class

V-2 acc. to UL94



standard lengths

5 m, 10 m, 20 m

Technical data

Product code	Inner diameter [mm]	Outer diameter [mm]	Bending radius [mm]	Approx. weight [kg/m]	Pressure [bar]	Vacuum [bar]
1-MB-03-0025	25	32	47	0,3	4	-0,90
1-MB-03-0032	32	39	59	0,4	3,5	-0,88
1-MB-03-0035	35	43	65	0,5	3,2	-0,84
1-MB-03-0038	38	46	70	0,5	3	-0,83
1-MB-03-0040	40	48	72	0,5	2,9	-0,80
1-MB-03-0045	45	53	80	0,6	2,8	-0,78
1-MB-03-0050	50	58	87	0,6	2,7	-0,75
1-MB-03-0060	60	68	102	0,7	2,5	-0,72
1-MB-03-0063	63	71	109	0,8	2,4	-0,64
1-MB-03-0070	70	78	120	0,8	2,2	-0,59
1-MB-03-0075	75	83	125	0,9	2	-0,56
1-MB-03-0080	80	88	135	1,0	1,8	-0,54
1-MB-03-0090	90	100	150	1,1	1,6	-0,49
1-MB-03-0100	100	110	165	1,2	1,4	-0,41
1-MB-03-0110	110	120	180	1,3	1,3	-0,39
1-MB-03-0120	120	130	195	1,5	1,2	-0,29
1-MB-03-0125	125	135	203	1,5	1,2	-0,29
1-MB-03-0130	130	140	210	1,6	1,2	-0,27
1-MB-03-0140	140	150	225	1,7	1	-0,22
1-MB-03-0150	150	160	240	1,8	1	-0,22
1-MB-03-0160	160	170	255	1,8	0,9	-0,20
1-MB-03-0180	180	190	285	2,0	0,7	-0,17
1-MB-03-0200	200	210	315	2,2	0,7	-0,17
1-MB-03-0226	226	236	362	2,5	0,5	-0,12
1-MB-03-0250	250	260	390	3,9	0,5	-0,12
1-MB-03-0280	280	290	430	4,4	0,4	-0,11
1-MB-03-0300	300	310	445	4,7	0,4	-0,11
1-MB-03-0315	315	325	465	5,0	0,4	-0,11
1-MB-03-0350	350	360	510	5,5	0,4	-0,11
1-MB-03-0400	400	410	573	6,3	0,3	-0,07
1-MB-03-0450	450	460	628	7,1	0,2	-0,05
1-MB-03-0500	500	510	670	7,9	0,2	-0,05

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

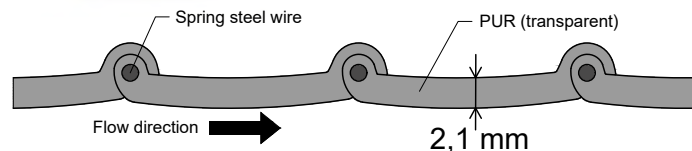
PUR C14 is available in the following variants:

PUR C14 MB	highly abrasion resistant and antistatic	
PUR C14 EL	potentially explosive areas (<10 ⁹ Ω)	
PUR C14 TM	work at elevated temperatures (<110°C)	
PUR C14 AG	transmission of hydrolysis media	
PUR C14 SP	certificated for contact with food (inox spiral)	

*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats. 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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PUR SC21 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, loose food products etc.



	abrasion resistant	★★★★★
	increased pressure resistance	✓
	antistatic	<10 ⁹ Ω
	suitable for contact with food	Atest PZH*
	flexibility	☆☆☆☆☆
	smoothed inner wall	✓
	temperature resistance	-30°C ÷ +90°C
	flammability class	V-2 acc. to UL94
	standard lengths	5 m, 10 m, 20 m

PUR SC21 is available in the following variants:

PUR SC21 MB	highly abrasion resistant and antistatic	
PUR SC21 EL	potentially explosive areas (<10 ³ Ω)	
PUR SC21 TM	work at elevated temperatures (<110°C)	
PUR SC21 AG	transmission of hydrolysis media	
PUR SC21 SP	certificated for contact with food (inox spiral)	

Technical data

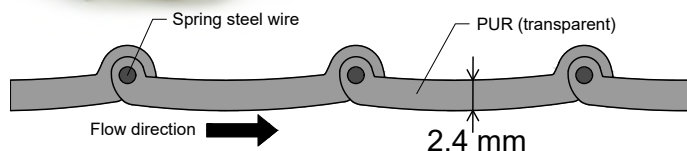
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
1-MB-04-0025	25	32	140	0,3	4	-0,9
1-MB-04-0032	32	40	150	0,4	4	-0,9
1-MB-04-0035	35	43	155	0,5	4	-0,9
1-MB-04-0038	38	46	160	0,5	4	-0,9
1-MB-04-0040	40	48	170	0,5	4	-0,9
1-MB-04-0045	45	53	175	0,6	4	-0,9
1-MB-04-0050	50	58	190	0,7	4	-0,9
1-MB-04-0060	60	68	200	1,2	3,5	-0,9
1-MB-04-0063	63	71	205	1,3	3,2	-0,9
1-MB-04-0070	70	80	240	1,4	3,1	-0,9
1-MB-04-0075	75	85	255	1,7	2,9	-0,9
1-MB-04-0080	80	90	270	1,8	2,7	-0,9
1-MB-04-0090	90	100	350	2,1	2,3	-0,8
1-MB-04-0100	100	110	355	2,3	1,9	-0,8
1-MB-04-0110	110	120	350	2,5	1,8	-0,8
1-MB-04-0120	120	130	340	2,8	1,6	-0,8
1-MB-04-0125	125	135	380	2,9	1,6	-0,8
1-MB-04-0130	130	140	420	3,0	1,6	-0,7
1-MB-04-0140	140	150	450	3,2	1,5	-0,7
1-MB-04-0150	150	160	530	3,5	1,4	-0,8
1-MB-04-0160	160	170	660	3,7	1,3	-0,7
1-MB-04-0180	180	190	720	4,1	1,1	-0,6
1-MB-04-0200	200	210	780	4,6	1	-0,4
1-MB-04-0226	226	236	1020	5,2	0,8	-0,3
1-MB-04-0250	250	260	1380	5,8	0,8	-0,3
1-MB-04-0280	280	290	1470	6,4	0,6	-0,3
1-MB-04-0300	300	310	1630	6,9	0,6	-0,3
1-MB-04-0315	315	325	1700	7,2	0,6	-0,3
1-MB-04-0350	350	360	1830	8,1	0,5	-0,3
1-MB-04-0400	400	410	2280	9,2	0,5	-0,3
1-MB-04-0450	450	460	2730	10,4	0,5	-0,3
1-MB-04-0500	500	510	2980	11,5	0,4	-0,2

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats. 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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PUR SPR24 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, loose food products etc.



	abrasion resistant	★★★★★
	increased pressure resistance	✓
	antistatic	<10 ⁹ Ω
	suitable for contact with food	Atest PZH*
	flexibility	★★☆☆☆
	smoothed inner wall	✓
	temperature resistance	-30°C ÷ +90°C
	flammability class	V-2 acc. to UL94
	standard lengths	5 m, 10 m, 20 m

Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
1-MB-06-0100	100	110	650	2,4	2,1	-0,9
1-MB-06-0110	110	120	710	2,7	2	-0,9
1-MB-06-0120	120	130	740	2,9	1,8	-0,9
1-MB-06-0125	125	135	760	3,0	1,7	-0,9
1-MB-06-0130	130	140	810	3,2	1,7	-0,8
1-MB-06-0140	140	150	860	3,4	1,6	-0,7
1-MB-06-0150	150	160	990	3,6	1,5	-0,85
1-MB-06-0160	160	170	1110	3,9	1,4	-0,8
1-MB-06-0180	180	190	1190	4,4	1,3	-0,6
1-MB-06-0200	200	210	1440	4,9	1,1	-0,5
1-MB-06-0226	226	236	2090	5,5	0,9	-0,35
1-MB-06-0250	250	260	2300	6,1	0,8	-0,35
1-MB-06-0280	280	290	2900	6,8	0,7	-0,35
1-MB-06-0300	300	310	3100	7,3	0,7	-0,35
1-MB-06-0315	315	325	3300	7,7	0,7	-0,35
1-MB-06-0350	350	360	4050	8,5	0,6	-0,35
1-MB-06-0400	400	410	4600	9,7	0,5	-0,35
1-MB-06-0450	450	460	5200	10,9	0,5	-0,35
1-MB-06-0500	500	510	5800	12,2	0,3	-0,3

Additional available diameters [mm]: 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

PUR SPR24 is available in the following variants:

PUR SPR24 MB	highly abrasion resistant and antistatic	
PUR SPR24 EL	potentially explosive areas (<10 ³ Ω)	
PUR SPR24 TM	work at elevated temperatures (<110°C)	
PUR SPR24 AG	transmission of hydrolysis media	
PUR SPR24 SP	certificated for contact with food (inox spiral)	

*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats. 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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

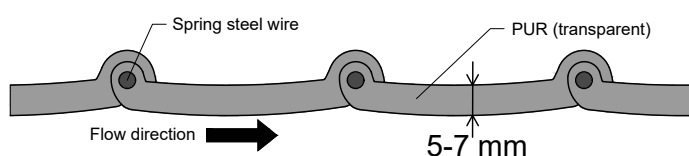
PUR Mamut MB

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, loose food products etc.



Technical data

	Inner diameter	Outer diameter	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[kg/m]	[bar]	[bar]
1-MB-07-0200	200	218	10	4,3	-0,8
1-MB-07-0250	250	270	13	3,9	-0,8
1-MB-07-0300	300	320	15	3,5	-0,8
1-MB-07-0350	350	370	18	3	-0,8
1-MB-07-0400	400	420	20	2,5	-0,8



	abrasion resistant	★★★★★
	increased pressure resistance	✓
	antistatic	<10 ⁹ Ω
	suitable for contact with food	Atest PZH*
	flexibility	☆☆☆☆☆
	smoothed inner wall	✓
	temperature resistance	-30°C ÷ +90°C
	flammability class	V-2 acc. to UL94
	standard lengths	5 m, 10 m

PUR Mamut is available in the following variants:

PUR Mamut MB	highly abrasion resistant and antistatic	
PUR Mamut AG	transmission of hydrolysis media	

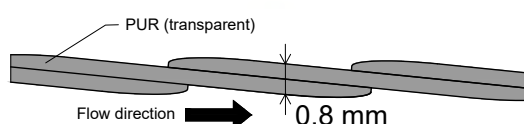
*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats. It is possible to make a hose with a non-standard diameter (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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PUR hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PUR R SP

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.

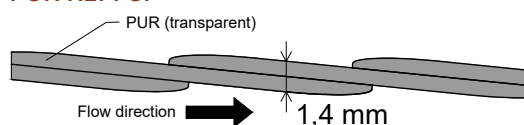


PUR RF08 SP



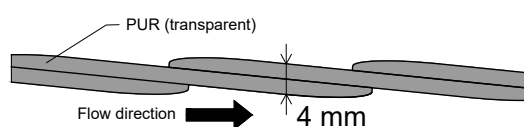
	abrasion resistant	★★★★★
	suitable for contact with food	Atest PZH*
	flexibility	★★★★★
	temperature resistance	-30°C ÷ +90°C
	flammability class	V-2 acc. to UL94
	standard lengths	4 m

PUR RL14 SP



	abrasion resistant	★★★★★
	suitable for contact with food	Atest PZH*
	flexibility	★★★★☆
	temperature resistance	-30°C ÷ +90°C
	flammability class	V-2 acc. to UL94
	standard lengths	4 m

PUR RP40 SP



	abrasion resistant	★★★★★
	suitable for contact with food	Atest PZH*
	flexibility	★★☆☆☆
	temperature resistance	-30°C ÷ +90°C
	flammability class	V-2 acc. to UL94
	standard lengths	1 m

Technical data

PUR RF08			PUR RL14			PUR RP40		
Product code	Inner diameter [mm]	Outer diameter [mm]	Product code	Inner diameter [mm]	Outer diameter [mm]	Product code	Inner diameter [mm]	Outer diameter [mm]
1-SP-11-0090	90	92	1-SP-12-0090	90	93	1-SP-13-0090	90	98
1-SP-11-0100	100	102	1-SP-12-0100	100	103	1-SP-13-0100	100	108
1-SP-11-0110	110	112	1-SP-12-0110	110	113	1-SP-13-0110	110	118
1-SP-11-0120	120	122	1-SP-12-0120	120	123	1-SP-13-0120	120	128
1-SP-11-0125	125	127	1-SP-12-0125	125	128	1-SP-13-0125	125	133
1-SP-11-0130	130	132	1-SP-12-0130	130	133	1-SP-13-0130	130	138
1-SP-11-0140	140	142	1-SP-12-0140	140	143	1-SP-13-0140	140	148
1-SP-11-0145	145	147	1-SP-12-0145	145	148	1-SP-13-0145	145	153
1-SP-11-0150	150	152	1-SP-12-0150	150	153	1-SP-13-0150	150	158
1-SP-11-0160	160	162	1-SP-12-0160	160	163	1-SP-13-0160	160	168
1-SP-11-0170	170	172	1-SP-12-0170	170	173	1-SP-13-0170	170	178
1-SP-11-0180	180	182	1-SP-12-0180	180	183	1-SP-13-0180	180	188
1-SP-11-0190	190	192	1-SP-12-0190	190	193	1-SP-13-0190	190	198
1-SP-11-0200	200	202	1-SP-12-0200	200	203	1-SP-13-0200	200	208
1-SP-11-0210	210	212	1-SP-12-0210	210	213	1-SP-13-0210	210	218
1-SP-11-0220	220	222	1-SP-12-0220	220	223	1-SP-13-0220	220	228
1-SP-11-0250	250	252	1-SP-12-0250	250	253	1-SP-13-0250	250	258
1-SP-11-0280	280	282	1-SP-12-0280	280	283	1-SP-13-0280	280	288
1-SP-11-0300	300	302	1-SP-12-0300	300	303	1-SP-13-0300	300	308
1-SP-11-0315	315	322	1-SP-12-0315	315	318	1-SP-13-0315	315	323
1-SP-11-0350	350	352	1-SP-12-0350	350	353	1-SP-13-0350	350	358
1-SP-11-0400	400	402	1-SP-12-0400	400	403	1-SP-13-0400	400	408
1-SP-11-0450	450	452	1-SP-12-0450	450	453	1-SP-13-0450	450	458
1-SP-11-0500	500	502						
1-SP-11-0600	600	602						
1-SP-11-0650	650	652						

PUR R is available in the following variants:

PUR R SP	abrasion resistant, certificated for contact with food	
PUR R AG	transmission of hydrolysis media	

*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats..

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PVC hoses



ECO-FRIENDLY
PRODUCTION

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.

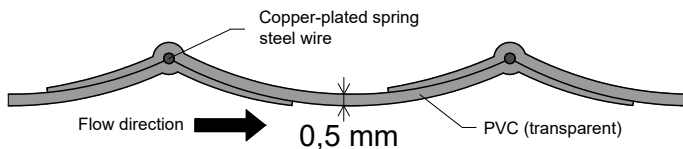
Offered types of PVC hoses:

Name	Wall thickness [mm]	Flexibility	Vacuum resistance	Smoothed inner wall	Antistatic	Temperature resistance [°C]	Colour	Diameters [mm]
PVC F05	0,5	★★★★★	★★★☆☆	✗	✗	-5 ÷ +70	transparent	50÷650
PVC L07	0,7	★★★★☆	★★★☆☆	✓	✗	-5 ÷ +70	transparent	25÷500
PVC SL09	0,9	★★★★☆	★★★☆☆	✓	✗	-5 ÷ +70	transparent	25÷500
PVC C14	1,4	★★★★☆	★★★☆☆	✓	✗	-5 ÷ +70	transparent	25÷500
PVC SPR24	2,4	★★★☆☆	★★★★★	✓	✗	-5 ÷ +70	transparent	75÷400
PVC Vacuum	3÷4,5	★★★☆☆	★★★★★	✓	✗	-5 ÷ +70	transparent	16÷76
PVC LV A05 (fabric covered with PVC)	0,5	★★★★☆	★★★☆☆	✗	✓	-10 ÷ +90 (temporarily up to 105°C)	black	80÷400
PVC LV B03 (fabric covered with PVC)	0,3	★★★★★	★★★☆☆	✗	✓	-10 ÷ +90 (temporarily up to 105°C)	black	80÷400
PVC Uni-vent	0,25	★★★★★	★★★☆☆	✗	✗	-20 ÷ +90 (temporarily up to 105°C)	grey	80÷250
PVC Agro	1÷3,5	★★★★☆	★★★★★	✓	✗	-20 ÷ +50	white/blue	25÷110
PVC Hydro	1÷4,5	★★★☆☆	★★★★★	✓	✗	-5 ÷ +60	white/green	20÷110

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PVC F05

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	~1:5
	flexibility	★★★★★
	temperature resistance	-5°C ÷ +70°C
	standard lengths	10 m

Technical data

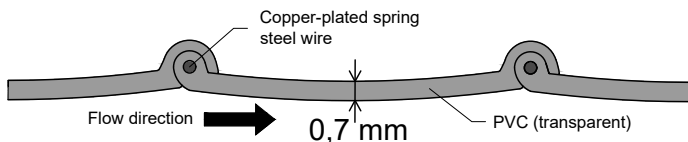
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
2-04-0050	50	54	54	0,3	-0,12
2-04-0060	60	64	64	0,3	-0,10
2-04-0063	63	67	67	0,4	-0,10
2-04-0070	70	74	74	0,4	-0,08
2-04-0080	80	84	84	0,5	-0,07
2-04-0090	90	94	94	0,5	-0,05
2-04-0100	100	104	104	0,6	-0,05
2-04-0110	110	114	114	0,6	-0,04
2-04-0120	120	124	124	0,7	-0,04
2-04-0125	125	129	129	0,7	-0,04
2-04-0130	130	134	134	0,7	-0,04
2-04-0140	140	144	144	0,8	-0,03
2-04-0150	150	154	154	0,9	-0,03
2-04-0160	160	164	164	1,0	-0,02
2-04-0180	180	184	184	1,2	-0,02
2-04-0200	200	204	204	1,3	-0,02
2-04-0226	226	232	232	1,6	-0,02
2-04-0250	250	256	255	1,8	-0,02
2-04-0280	280	286	286	2,0	-0,02
2-04-0300	300	306	306	2,2	-0,02
2-04-0315	315	321	321	2,3	-0,02
2-04-0350	350	356	356	2,7	-0,01
2-04-0400	400	408	408	3,1	-0,01
2-04-0500	500	508	508	3,8	-0,01
2-04-0600	600	608	608	4,6	-0,01
2-04-0650	650	660	660	5,0	-0,01

Additional available diameters [mm]: 85, 127, 145, 152, 155, 165, 170, 190, 203, 210, 220, 270, 275.

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PVC hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PVC L07

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 of the hose	✓
	temperature resistance	-5°C ÷ +70°C
	standard lengths	5 m, 10 m, 20 m

Technical data

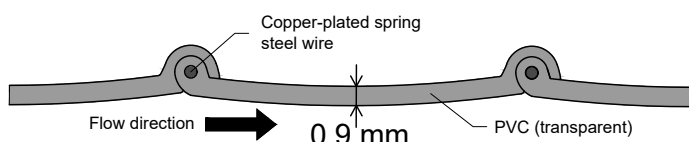
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
2-01-0025	25	30	30	0,3	0,7	-0,64
2-01-0032	32	37	37	0,4	0,6	-0,54
2-01-0035	35	41	41	0,4	0,5	-0,51
2-01-0038	38	44	44	0,4	0,5	-0,49
2-01-0040	40	46	46	0,5	0,5	-0,44
2-01-0045	45	51	51	0,5	0,4	-0,39
2-01-0050	50	56	56	0,6	0,4	-0,34
2-01-0060	60	66	66	0,6	0,3	-0,29
2-01-0063	63	69	69	0,6	0,3	-0,25
2-01-0070	70	76	76	0,7	0,2	-0,25
2-01-0075	75	82	82	0,8	0,2	-0,25
2-01-0080	80	88	88	0,8	0,2	-0,20
2-01-0090	90	98	98	0,9	0,2	-0,15
2-01-0100	100	108	108	1,2	0,2	-0,15
2-01-0110	110	118	118	1,3	0,2	-0,15
2-01-0120	120	128	128	1,4	0,2	-0,10
2-01-0125	125	133	133	1,4	0,2	-0,10
2-01-0130	130	138	138	1,5	0,2	-0,10
2-01-0140	140	148	148	1,6	0,1	-0,10
2-01-0150	150	158	158	1,7	0,1	-0,10
2-01-0160	160	168	168	1,8	0,1	-0,10
2-01-0180	180	188	188	2,1	0,1	-0,10
2-01-0200	200	208	208	2,3	0,1	-0,10
2-01-0226	226	234	234	2,6	0,1	-0,05
2-01-0250	250	258	258	2,9	0,1	-0,05
2-01-0280	280	288	288	3,2	0,1	-0,05
2-01-0300	300	308	308	4,3	0,1	-0,05
2-01-0315	315	323	323	4,6	0,1	-0,05
2-01-0350	350	358	358	5,1	0,1	-0,05
2-01-0400	400	408	408	5,8	0,1	-0,05
2-01-0450	450	460	460	6,5	0,1	-0,05
2-01-0500	500	510	510	7,2	0,1	-0,05

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PVC hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PVC SL09

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 of the hose	✓
	temperature resistance	-5°C ÷ +70°C
	standard lengths	5 m, 10 m, 20 m

Technical data

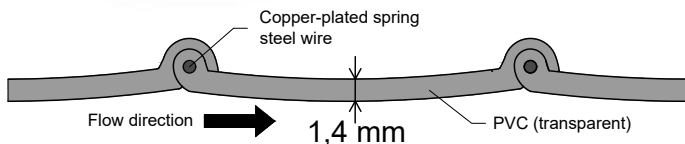
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
2-02-0025	25	30	30	0,3	0,7	-0,64
2-02-0032	32	37	37	0,4	0,6	-0,54
2-02-0035	35	41	41	0,4	0,5	-0,51
2-02-0038	38	44	44	0,4	0,5	-0,49
2-02-0040	40	46	46	0,5	0,5	-0,44
2-02-0045	45	51	51	0,5	0,4	-0,39
2-02-0050	50	56	56	0,6	0,4	-0,34
2-02-0060	60	66	66	0,7	0,3	-0,29
2-02-0063	63	69	69	0,7	0,3	-0,25
2-02-0070	70	76	76	0,8	0,2	-0,25
2-02-0075	75	82	82	0,8	0,2	-0,25
2-02-0080	80	88	88	0,9	0,2	-0,20
2-02-0090	90	98	98	1,0	0,2	-0,15
2-02-0100	100	108	108	1,2	0,2	-0,15
2-02-0110	110	118	118	1,3	0,2	-0,15
2-02-0120	120	128	128	1,4	0,2	-0,10
2-02-0125	125	133	133	1,5	0,2	-0,10
2-02-0130	130	138	138	1,5	0,2	-0,10
2-02-0140	140	148	148	1,6	0,1	-0,10
2-02-0150	150	158	158	1,8	0,1	-0,10
2-02-0160	160	168	168	1,9	0,1	-0,10
2-02-0180	180	188	188	2,1	0,1	-0,10
2-02-0200	200	208	208	2,3	0,1	-0,10
2-02-0226	226	234	234	2,6	0,1	-0,05
2-02-0250	250	258	258	2,9	0,1	-0,05
2-02-0280	280	288	288	3,2	0,1	-0,05
2-02-0300	300	308	308	3,5	0,1	-0,05
2-02-0315	315	323	323	4,4	0,1	-0,05
2-02-0350	350	358	358	4,9	0,1	-0,05
2-02-0400	400	408	408	5,6	0,1	-0,05
2-02-0450	450	460	460	6,3	0,1	-0,05
2-02-0500	500	510	510	7,1	0,1	-0,05

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PVC hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PVC C14

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 of the hose	✓
	temperature resistance	-5°C ÷ +70°C
	standard lengths	5 m, 10 m, 20 m

Technical data

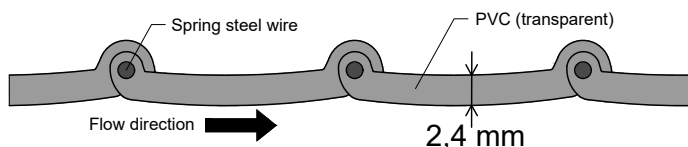
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
2-03-0025	25	32	47	0,4	1,3	-0,78
2-03-0032	32	39	59	0,5	1,1	-0,69
2-03-0035	35	42	65	0,5	1	-0,61
2-03-0038	38	46	70	0,6	0,9	-0,59
2-03-0040	40	48	72	0,6	0,7	-0,49
2-03-0045	45	53	80	0,7	0,7	-0,44
2-03-0050	50	58	87	0,7	0,7	-0,44
2-03-0060	60	68	102	0,9	0,6	-0,39
2-03-0063	63	71	109	0,9	0,5	-0,39
2-03-0070	70	78	120	1,0	0,4	-0,39
2-03-0075	75	83	125	1,1	0,4	-0,39
2-03-0080	80	88	135	1,1	0,4	-0,39
2-03-0090	90	100	150	1,3	0,4	-0,34
2-03-0100	100	110	165	1,4	0,4	-0,29
2-03-0110	110	120	180	1,6	0,3	-0,29
2-03-0120	120	130	195	1,7	0,3	-0,25
2-03-0125	125	135	203	1,8	0,3	-0,25
2-03-0130	130	140	210	1,9	0,2	-0,20
2-03-0140	140	150	225	2,0	0,2	-0,20
2-03-0150	150	160	240	2,1	0,2	-0,20
2-03-0160	160	170	255	2,1	0,2	-0,20
2-03-0180	180	190	285	2,4	0,2	-0,15
2-03-0200	200	210	315	2,6	0,2	-0,15
2-03-0226	226	236	368	3,0	0,1	-0,10
2-03-0250	250	260	390	4,6	0,1	-0,10
2-03-0280	280	290	425	5,2	0,1	-0,10
2-03-0300	300	310	445	5,6	0,1	-0,10
2-03-0315	315	325	465	5,9	0,1	-0,10
2-03-0350	350	360	510	6,5	0,1	-0,10
2-03-0400	400	410	575	7,4	0,1	-0,10
2-03-0450	450	460	645	8,4	0,1	-0,05
2-03-0500	500	510	740	9,3	0,1	-0,05

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

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PVC SPR24

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 of the hose

✓



increased pressure resistance

✓



temperature resistance

-5°C ÷ +70°C



standard lengths

5 m, 10 m

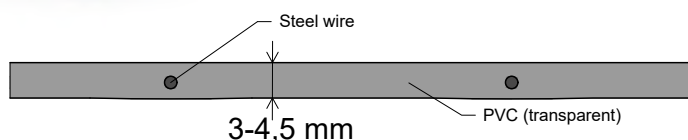
Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
2-07-0075	75	85	330	2,3	2,3	-0,90
2-07-0082	82	92	440	2,4	2,1	-0,90
2-07-0090	90	100	460	2,8	2,0	-0,90
2-07-0100	100	110	490	2,7	1,8	-0,90
2-07-0110	110	120	660	3,4	1,7	-0,90
2-07-0115	115	125	680	3,6	1,6	-0,85
2-07-0120	120	130	700	3,7	1,6	-0,85
2-07-0125	125	135	730	3,8	1,5	-0,80
2-07-0127	127	137	790	3,9	1,5	-0,70
2-07-0130	130	140	830	4,0	1,4	-0,60
2-07-0135	135	145	840	4,2	1,4	-0,60
2-07-0140	140	150	860	4,3	1,3	-0,60
2-07-0150	150	160	890	4,6	1,5	-0,80
2-07-0160	160	170	950	4,9	1,4	-0,80
2-07-0170	170	180	980	5,2	1,3	-0,70
2-07-0180	180	190	1120	5,5	1,3	-0,60
2-07-0190	190	200	1190	5,8	1,2	-0,50
2-07-0200	200	210	1250	6,1	1,1	-0,50
2-07-0210	210	220	1470	6,5	1,0	-0,40
2-07-0220	220	230	1760	6,8	1,0	-0,40
2-07-0240	240	250	1920	7,1	0,8	-0,35
2-07-0250	250	260	2000	7,6	0,8	-0,35
2-07-0280	280	290	2520	8,6	0,7	-0,35
2-07-0300	300	310	2700	9,2	0,7	-0,35
2-07-0315	315	325	2835	9,6	0,7	-0,35
2-07-0350	350	360	3500	10,7	0,6	-0,35
2-07-0400	400	410	4000	12,2	0,5	-0,35

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PVC hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

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.



Technical data

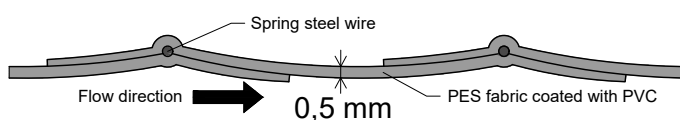
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
2-06-0016	16	24	4,0	0,2	8,0	-0,96
2-06-0018	18	26	4,0	0,3	8,0	-0,95
2-06-0020	20	28	4,0	0,3	7,0	-0,95
2-06-0022	22	30	4,0	0,4	6,0	-0,95
2-06-0025	25	34	4,5	0,5	6,0	-0,93
2-06-0030	30	39	4,5	0,6	5,0	-0,93
2-06-0032	32	41	4,5	0,7	5,0	-0,92
2-06-0035	35	44	4,5	0,8	5,0	-0,92
2-06-0038	38	47	4,5	0,9	4,5	-0,92
2-06-0040	40	49	4,5	1,0	4,5	-0,92
2-06-0042	42	51	4,5	1,3	4,0	-0,90
2-06-0045	45	54	4,5	1,5	4,0	-0,90
2-06-0050	50	59	4,5	1,6	4,0	-0,90
2-06-0060	60	69	4,5	1,8	4,0	-0,80
2-06-0076	76	85	4,5	1,8	4,0	-0,80

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

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PVC hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PVC LV05 A

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.



	chemically resistant	★★★★☆
	flexibility	★★★★☆
	axially compressible	~1:5
	antistatic	<10 ⁶ Ω
	temperature resistance	-10°C ÷ +90°C (temporarily up to 105°C)
	flammability class	nonflammable acc. to ISO 6940
	UV resistant	✓
	standard lengths	10 m

Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
2-05-0080	80	83	105	0,5	-0,09
2-05-0090	90	93	115	0,5	-0,06
2-05-0100	100	103	125	0,6	-0,06
2-05-0110	110	113	135	0,6	-0,05
2-05-0120	120	123	145	0,7	-0,05
2-05-0125	125	128	150	0,7	-0,05
2-05-0130	130	133	155	0,7	-0,05
2-05-0140	140	143	165	0,8	-0,04
2-05-0145	145	148	170	0,9	-0,04
2-05-0150	150	153	175	0,9	-0,04
2-05-0160	160	163	185	1,0	-0,03
2-05-0170	170	174	195	1,1	-0,03
2-05-0180	180	184	205	1,2	-0,03
2-05-0190	190	194	215	1,3	-0,03
2-05-0200	200	204	225	1,3	-0,02
2-05-0210	210	214	237	1,4	-0,02
2-05-0226	226	232	232	1,6	-0,02
2-05-0250	250	254	275	1,8	-0,02
2-05-0280	280	284	305	2,0	-0,02
2-05-0300	300	304	330	2,2	-0,02
2-05-0315	315	319	348	2,3	-0,01
2-05-0350	350	354	380	2,7	-0,01
2-05-0400	400	405	430	3,1	-0,01

Additional available diameters [mm]: 85, 127, 145, 152, 155, 165, 170, 190, 203, 210, 220, 270, 275.

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PVC hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PVC LV03 B

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.



	chemically resistant	★★★★☆
	flexibility	★★★★★
	axially compressible	~1:6
	antistatic	<10 ⁹ Ω
	temperature resistance	-10°C ÷ +90°C (temporarily up to 105°C)
	flammability class	VTM-0 acc. to UL94
	UV resistant	✓
	standard lengths	10 m

Technical data

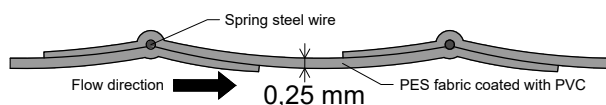
	Inner diameter	Outer diameter	Bending radius	Mass	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
2-05-0080-B	80	83	105	0,5	-0,08
2-05-0090-B	90	93	115	0,5	-0,05
2-05-0100-B	100	103	125	0,6	-0,05
2-05-0110-B	110	113	135	0,6	-0,05
2-05-0120-B	120	123	145	0,7	-0,05
2-05-0125-B	125	128	150	0,7	-0,05
2-05-0130-B	130	133	155	0,7	-0,05
2-05-0140-B	140	143	165	0,8	-0,04
2-05-0145-B	145	148	170	0,9	-0,04
2-05-0150-B	150	153	175	0,9	-0,04
2-05-0160-B	160	163	185	1,0	-0,03
2-05-0170-B	170	174	195	1,1	-0,03
2-05-0180-B	180	184	205	1,2	-0,03
2-05-0190-B	190	194	215	1,3	-0,03
2-05-0200-B	200	204	225	1,3	-0,02
2-05-0210-B	210	214	237	1,4	-0,02
2-05-0226-B	226	232	232	1,6	-0,02
2-05-0250-B	250	254	275	1,8	-0,02
2-05-0280-B	280	284	305	2,0	-0,02
2-05-0300-B	300	304	330	2,2	-0,02
2-05-0315-B	315	319	348	2,3	-0,01
2-05-0350-B	350	354	380	2,7	-0,01
2-05-0400-B	400	405	430	3,1	-0,01

Additional available diameters [mm]: 85, 127, 145, 152, 155, 165, 170, 190, 203, 210, 220, 270, 275.

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PVC hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PVC Uni-vent

Flexible reinforced PVC Uni-vent multipurpose extraction hose is made of PES fabric coated with PVC on both sides, reinforced with steel spiral. It is mainly used for the extraction of gaseous media and dust in mobile installations and ventilation systems. Thanks to its very good chemical and thermal resistance, it is ideal for the extraction or blowing of hot and cold air and various kinds of vapors, fumes, mists, etc.



Technical data

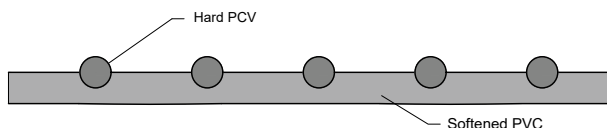
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
2-08-0080	80-82	~84	84	0,5	-0,08
2-08-0100	100-102	~104	104	0,6	-0,05
2-08-0120	120-122	~124	124	0,6	-0,05
2-08-0125	125-127	~129	129	0,6	-0,05
2-08-0130	130-132	~134	134	0,7	-0,05
2-08-0150	150-152	~154	154	0,7	-0,04
2-08-0160	160-162	~164	164	0,8	-0,03
2-08-0180	180-182	~184	184	0,8	-0,03
2-08-0200	200-202	~204	204	0,9	-0,02
2-08-0250	250-252	~256	255	1,1	-0,02

	chemically resistant	★★★★☆
	resistant to hydrolysis	★★★★★
	UV resistant	✓
	flexibility	★★★★★
	axially compressible	~1:5
	temperature resistance	-20°C ÷ +90°C (temporarily up to 105°C)
	flammability class	M2 acc. to NF P92-503 (low-flammable)
	standard lengths	10 m

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in PVC hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

PVC Agro

Pressure suction hose made of softened polyvinyl chloride reinforced with a hard PVC helix with very good resistance to chemical compounds and hydrolysis as well as good resistance to pressure and vacuum, used for pneumatic and gravity transport of solids, liquids and gases, e.g. fertilizers, chemicals, waste water, salt water, dirty water, sludge, feaces, water solutions etc.



Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
ASE A 025	25	35	115	0,5	18	-0,9
ASE A 032	32	42	130	0,6	15	-0,9
ASE A 035	35	45	135	0,6	14	-0,9
ASE A 040	40	50	160	0,7	14	-0,9
ASE A 045	45	55	180	0,9	13	-0,9
ASE A 050	50	63	200	1	13	-0,9
ASE A 060	60	74	250	1,3	13	-0,9
ASE A 075	75	89	310	1,7	10	-0,9
ASE A 080	80	94	320	1,8	10	-0,9
ASE A 090	90	104	375	2,1	8	-0,8
ASE A 102	102	117	410	2,6	8	-0,8
ASE A 110	110	126	450	2,9	8	-0,8



chemically resistant

★★★★☆



resistant to hydrolysis

★★★★★



flexibility

★★★★☆



smoothed inner wall of the hose

✓



increased pressure resistance

✓



temperature resistance

-20°C ÷ +50°C

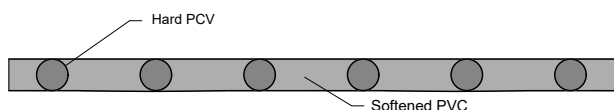


standard lengths

30 m

PVC Hydro

Thick-walled pressure hose made of softened polyvinyl chloride reinforced with a hard PVC spiral with very good resistance to hydrolysis and chemicals, resistant to pressure and vacuum, smooth inner wall, used for pneumatic and gravity transport of solid media, liquids and gases, especially in sanitary installations, agricultural machinery or as a pool hose.



Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
ASE H 020	20	26	70	0,2	23	-0,7
ASE H 025	25	31	100	0,3	20	-0,6
ASE H 032	32	38	115	0,3	18	-0,6
ASE H 035	35	41	122	0,4	17	-0,6
ASE H 038	38	44	135	0,4	16	-0,6
ASE H 040	40	46	146	0,5	15	-0,6
ASE H 045	45	51	151	0,5	14	-0,6
ASE H 050	50	57	190	0,7	13	-0,6
ASE H 063	63	71	250	0,8	11	-0,6
ASE H 075	75	84	310	1,2	10	-0,6
ASE H 080	80	89	320	1,4	10	-0,6
ASE H 100	100	110	410	1,7	10	-0,6
ASE H 110	110	120	450	1,9	10	-0,6

	chemically resistant	★★★★☆
	resistant to hydrolysis	★★★★★
	flexibility	★★☆☆☆
	smoothed inner wall of the hose	✓
	increased pressure resistance	✓
	temperature resistance	-5°C ÷ +60°C
	standard lengths	30 m

Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). The spiral in PVC hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

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.



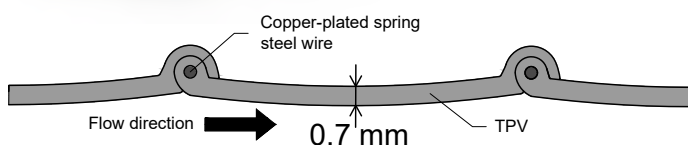
Offered types of TPV San-top hoses:

Name	Wall thickness [mm]	Flexibility	Vacuum resistance	Smoothed inner wall	Temperature resistance [°C]	Flammability class (acc. to UL94)	Diameters [mm]
TPV San-top L	0,7	★★★★☆	★★★★☆	✓	-40 ÷ +135	HB	25÷500
TPV San-top SL	0,9	★★★★☆	★★★★☆	✓	-40 ÷ +135	HB	25÷500
TPV San-top C	1,4	★★★☆☆	★★★★☆	✓	-40 ÷ +135	HB	25÷500

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in TPV San-top hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

TPV San-top L

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	★★★★★
	UV and ozone resistant	✓
	flexibility	★★★★☆
	smoothed inner wall of the hose	✓
	temperature resistance	-40°C ÷ +135°C
	flammability class	HB acc. to UL94
	standard lengths	5 m, 10 m, 20 m

Technical data

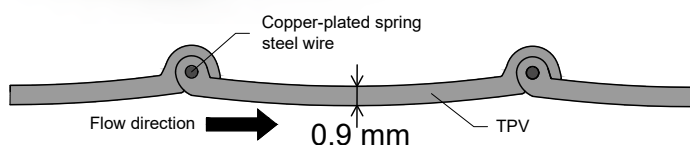
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
4-01-0025	25	30	30	0,3	0,90	-0,30
4-01-0032	32	37	37	0,4	0,80	-0,30
4-01-0035	35	41	41	0,4	0,70	-0,30
4-01-0038	38	44	44	0,4	0,70	-0,30
4-01-0040	40	46	46	0,5	0,70	-0,25
4-01-0045	45	51	51	0,5	0,60	-0,25
4-01-0050	50	56	56	0,6	0,50	-0,25
4-01-0060	60	66	66	0,6	0,50	-0,25
4-01-0063	63	69	69	0,6	0,40	-0,20
4-01-0070	70	76	76	0,7	0,40	-0,20
4-01-0075	75	82	82	0,8	0,40	-0,15
4-01-0080	80	88	88	0,8	0,40	-0,15
4-01-0090	90	98	98	0,9	0,30	-0,15
4-01-0100	100	108	108	1,2	0,30	-0,10
4-01-0110	110	118	118	1,3	0,20	-0,10
4-01-0120	120	128	128	1,4	0,20	-0,10
4-01-0125	125	133	133	1,4	0,20	-0,10
4-01-0130	130	138	138	1,5	0,20	-0,10
4-01-0140	140	148	148	1,6	0,20	-0,07
4-01-0150	150	158	158	1,7	0,20	-0,07
4-01-0160	160	168	168	1,8	0,20	-0,05
4-01-0180	180	188	188	2,1	0,10	-0,05
4-01-0200	200	208	208	2,3	0,10	-0,04
4-01-0226	226	234	234	2,6	0,10	-0,03
4-01-0250	250	258	258	2,9	0,10	-0,03
4-01-0280	280	288	288	3,2	0,10	-0,02
4-01-0300	300	308	308	4,3	0,10	-0,02
4-01-0315	315	323	323	4,6	0,10	-0,02
4-01-0350	350	358	358	5,1	0,05	-0,02
4-01-0400	400	408	408	5,8	0,05	-0,01
4-01-0450	450	460	460	6,5	0,05	-0,01
4-01-0500	500	510	510	7,2	0,05	-0,01

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in TPV San-top hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

TPV San-top SL

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	★★★★★
	UV and ozone resistant	✓
	flexibility	★★★★☆
	smoothed inner wall of the hose	✓
	temperature resistance	-40°C ÷ +135°C
	flammability class	HB acc. to UL94
	standard lengths	5 m, 10 m, 20 m
	minimal order quantity	✓

Technical data

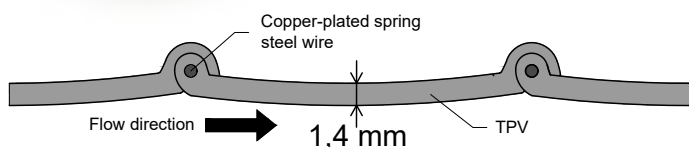
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
4-02-0025	25	30	30	0,3	0,90	-0,30
4-02-0032	32	37	37	0,4	0,80	-0,30
4-02-0035	35	41	41	0,4	0,70	-0,30
4-02-0038	38	44	44	0,4	0,70	-0,30
4-02-0040	40	46	46	0,5	0,70	-0,25
4-02-0045	45	51	51	0,5	0,60	-0,25
4-02-0050	50	56	56	0,6	0,50	-0,25
4-02-0060	60	66	66	0,7	0,50	-0,25
4-02-0063	63	69	69	0,7	0,40	-0,20
4-02-0070	70	76	76	0,8	0,40	-0,20
4-02-0075	75	82	82	0,8	0,40	-0,15
4-02-0080	80	88	88	0,9	0,40	-0,15
4-02-0090	90	98	98	1,0	0,30	-0,15
4-02-0100	100	108	108	1,2	0,30	-0,10
4-02-0110	110	118	118	1,3	0,20	-0,10
4-02-0120	120	128	128	1,4	0,20	-0,10
4-02-0125	125	133	133	1,5	0,20	-0,10
4-02-0130	130	138	138	1,5	0,20	-0,10
4-02-0140	140	148	148	1,6	0,20	-0,07
4-02-0150	150	158	158	1,8	0,20	-0,07
4-02-0160	160	168	168	1,9	0,20	-0,05
4-02-0180	180	188	188	2,1	0,10	-0,05
4-02-0200	200	208	208	2,3	0,10	-0,04
4-02-0226	226	234	234	2,6	0,10	-0,03
4-02-0250	250	258	258	2,9	0,10	-0,03
4-02-0280	280	288	288	3,2	0,10	-0,02
4-02-0300	300	308	308	3,5	0,10	-0,02
4-02-0315	315	323	323	4,4	0,10	-0,02
4-02-0350	350	358	358	4,9	0,05	-0,02
4-02-0400	400	408	408	5,6	0,05	-0,01
4-02-0450	450	460	460	6,3	0,05	-0,01
4-02-0500	500	510	510	7,1	0,05	-0,01

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in TPV San-top hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

TPV San-top C

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.



Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Pressure	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]	[bar]
4-03-0025	25	32	47	0,4	1,30	-0,40
4-03-0032	32	39	59	0,5	1,00	-0,35
4-03-0035	35	43	65	0,5	0,90	-0,35
4-03-0038	38	46	70	0,6	0,90	-0,35
4-03-0040	40	48	72	0,6	0,90	-0,35
4-03-0045	45	53	80	0,7	0,90	-0,30
4-03-0050	50	58	87	0,7	0,80	-0,30
4-03-0060	60	68	102	0,9	0,80	-0,25
4-03-0063	63	71	109	0,9	0,80	-0,25
4-03-0070	70	78	120	1,0	0,80	-0,25
4-03-0075	75	83	125	1,1	0,70	-0,25
4-03-0080	80	88	135	1,1	0,70	-0,20
4-03-0090	90	100	150	1,3	0,60	-0,20
4-03-0100	100	110	165	1,4	0,50	-0,15
4-03-0110	110	120	180	1,6	0,50	-0,15
4-03-0120	120	130	195	1,7	0,50	-0,15
4-03-0125	125	135	203	1,8	0,50	-0,10
4-03-0130	130	140	210	1,9	0,40	-0,10
4-03-0140	140	150	225	2,0	0,40	-0,10
4-03-0150	150	160	240	2,1	0,40	-0,10
4-03-0160	160	170	255	2,1	0,30	-0,07
4-03-0180	180	190	285	2,4	0,30	-0,07
4-03-0200	200	210	315	2,6	0,30	-0,05
4-03-0226	226	236	368	3,0	0,20	-0,04
4-03-0250	250	260	390	4,6	0,20	-0,04
4-03-0280	280	290	425	5,2	0,20	-0,03
4-03-0300	300	310	445	5,6	0,20	-0,03
4-03-0315	315	325	465	5,9	0,20	-0,03
4-03-0350	350	360	510	6,5	0,10	-0,02
4-03-0400	400	410	575	7,4	0,10	-0,02
4-03-0450	450	460	645	8,4	0,10	-0,02
4-03-0500	500	510	740	9,3	0,10	-0,02

Additional available diameters [mm]: 42, 55, 65, 82, 85, 95, 102, 105, 115, 127, 135, 145, 165, 170, 185, 190, 203, 210, 220, 240, 275, 320, 355.

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

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. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in TPV San-top hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

Metal hoses Metalhex

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 Metalhex hoses:

Name	Wall material	Profile sealing	Flexibility	Temperature resistance [°C]	Diameters [mm]
Metalhex A	galvanized steel	none	★★★★☆	up to +500	18÷337
Metalhex B	galvanized steel	silicone line	★★★★☆	up to +300	18÷337
Metalhex B1	galvanized steel	fiberglass rope	★★★★☆	up to +500	18÷337
Metalhex inox C	stainless steel 1.4301	none	★★★★☆	up to +650	50÷337
Metalhex inox D	stainless steel 1.4302	silicone line	★★★★☆	up to +300	50÷337
Metalhex inox D1	stainless steel 1.4303	fiberglass rope	★★★★☆	up to +650	50÷337

Note! Metal hoses Metalhex due to their construction, do not guarantee 100% tightness. When using metal hoses for fume and gas extraction, it is recommended to use at least twice the diameter of the exhaust pipe, and also to use an extraction fan. For exhaust and gas extraction we recommend Metalhex B, B1, D, D1 types. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The cross-section of the metal hoses is polygonal. In case of cutting metal hoses, ends must be secured against unwinding (e.g. by welding). Please refer to the assembly instructions for instructions on cutting hoses. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). The spiral in Metalhex hoses is left-handed. In order to discharge static electricity, the spiral must be grounded on both sides. The flow direction of the medium is specified in the assembly instructions. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

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.



Technical data

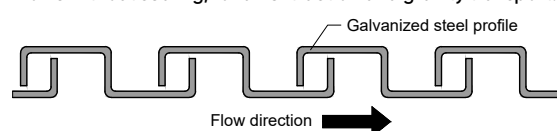
Product code

Technical data	Product code			Inner diameter	Outer diameter	Bending radius	Approx. weight	Steel sheet thickness
	Metalhex A	Metalhex B	Metalhex B1	[mm]	[mm]	[mm]	[kg/m]	[mm]
	5-01-0020-1	-U	-UW	20	24	130	0,2	0,2
	5-01-0026-1	-U	-UW	26	30	160	0,3	0,2
	5-01-0028-1	-U	-UW	28	32	170	0,3	0,2
	5-01-0030-1	-U	-UW	30	34	180	0,3	0,2
	5-01-0032-1	-U	-UW	32	36	190	0,3	0,2
	5-01-0035-1	-U	-UW	35	39	205	0,3	0,2
	5-01-0038-1	-U	-UW	38	42	220	0,4	0,2
	5-01-0040-1	-U	-UW	40	44	230	0,4	0,2
	5-01-0045-1	-U	-UW	45	49	255	0,4	0,2
	5-01-0048-1	-U	-UW	48	52	270	0,4	0,2
	5-01-0050-1	-U	-UW	50	60	160	0,8	0,4
	5-01-0060-1	-U	-UW	60	70	215	1,0	0,4
	5-01-0070-1	-U	-UW	70	80	240	1,2	0,4
	5-01-0080-1	-U	-UW	80	90	270	1,3	0,4
	5-01-0090-1	-U	-UW	90	100	280	1,9	0,4
	5-01-0100-1	-U	-UW	100	110	300	2,0	0,4
	5-01-0110-1	-U	-UW	110	120	330	2,2	0,4
	5-01-0120-1	-U	-UW	120	130	380	2,4	0,4
	5-01-0125-1	-U	-UW	125	135	400	2,5	0,4
	5-01-0130-1	-U	-UW	130	140	410	2,9	0,4
	5-01-0140-1	-U	-UW	140	150	440	3,1	0,4
	5-01-0150-1	-U	-UW	150	160	460	3,4	0,4
	5-01-0160-1	-U	-UW	160	170	490	3,6	0,4
	5-01-0180-1	-U	-UW	180	190	545	4,0	0,4
	5-01-0202-1	-U	-UW	202	212	560	5,5	0,4
	5-01-0225-1	-U	-UW	225	235	630	6,2	0,4
	5-01-0250-1	-U	-UW	250	260	700	6,9	0,4
	5-01-0280-1	-U	-UW	280	290	760	7,5	0,4
	5-01-0300-1	-U	-UW	300	310	850	8,2	0,4
	5-01-0337-1	-U	-UW	337	347	910	8,8	0,4

Additional available diameters [mm]: 18, 22, 55, 65, 73, 75, 85, 95, 105, 112, 124, 135, 146, 158, 168.

Metalhex A

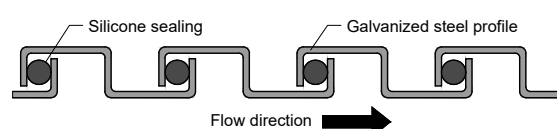
Profile without sealing, for air extraction and gravity transport.



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

Metalhex B

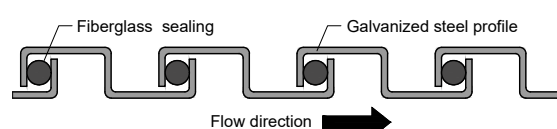
Profile with silicone sealing, for air extraction and transport of loose abrasives.



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

Metalhex B1

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



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

Note! Metal hoses Metalhex due to their construction, do not guarantee 100% tightness. When using metal hoses for fume and gas extraction, it is recommended to use at least twice the diameter of the exhaust pipe, and also to use an extraction fan. For exhaust and gas extraction we recommend Metalhex B, B1, D, D1 types. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The cross-section of the metal hoses is polygonal. In case of cutting metal hoses, ends must be secured against unwinding (e.g. by welding). Please refer to the assembly instructions for instructions on cutting hoses. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). The spiral in Metalhex hoses is left-handed. In order to discharge static electricity, the spiral must be grounded on both sides. The flow direction of the medium is specified in the assembly instructions. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

Flexible polygonal metal hoses made of profiled stainless steel 1.4301 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

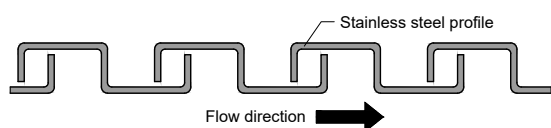
Product code

Metalhex inox C	Metalhex inox D	Metalhex inox D1	[mm]	[mm]	[mm]	[kg/m]
5-01-0050-2	-U	-UW	50	60	160	0,8
5-01-0060-2	-U	-UW	60	70	215	1,0
5-01-0070-2	-U	-UW	70	80	240	1,2
5-01-0080-2	-U	-UW	80	90	270	1,3
5-01-0090-2	-U	-UW	90	100	280	1,9
5-01-0100-2	-U	-UW	100	110	300	2,0
5-01-0110-2	-U	-UW	110	120	330	2,2
5-01-0120-2	-U	-UW	120	130	380	2,4
5-01-0125-2	-U	-UW	125	135	400	2,5
5-01-0130-2	-U	-UW	130	140	410	2,9
5-01-0140-2	-U	-UW	140	150	440	3,1
5-01-0150-2	-U	-UW	150	160	460	3,4
5-01-0160-2	-U	-UW	160	170	490	3,6
5-01-0180-2	-U	-UW	180	190	545	4,0
5-01-0202-2	-U	-UW	202	212	560	5,5
5-01-0225-2	-U	-UW	225	235	630	6,2
5-01-0250-2	-U	-UW	250	260	700	6,9
5-01-0280-2	-U	-UW	280	290	760	7,5
5-01-0300-2	-U	-UW	300	310	850	8,2
5-01-0337-2	-U	-UW	337	347	910	8,8

Additional available diameters [mm]: 55, 65, 75, 85, 95, 105, 112, 124, 135, 146, 158, 168.

Metalhex inox C

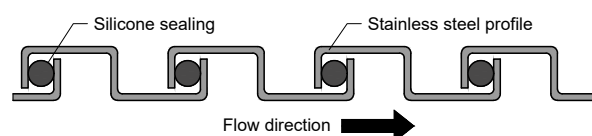
Profile without sealing, for air extraction and gravitational transport.



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

Metalhex inox D

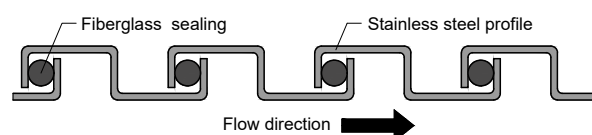
Profile with silicone sealing, for air extraction and transport of loose abrasives.



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

Metalhex inox D1

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

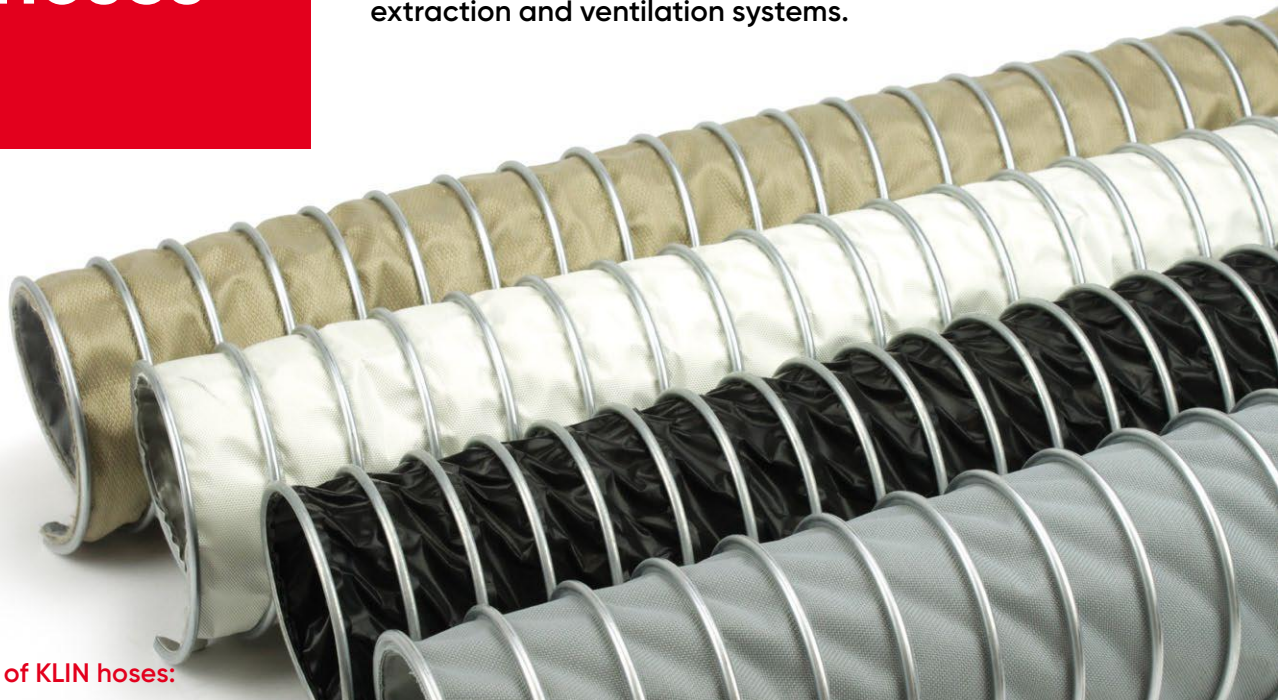


	mechanically durable	✓
	temperature resistance	up to +650°C
	flexibility	★★★★☆
	standard lengths	5 m, 10 m

Note! Metal hoses Metalhex due to their construction, do not guarantee 100% tightness. When using metal hoses for fume and gas extraction, it is recommended to use at least twice the diameter of the exhaust pipe, and also to use an extraction fan. For exhaust and gas extraction we recommend Metalhex B, B1, D, D1 types. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The cross-section of the metal hoses is polygonal. In case of cutting metal hoses, ends must be secured against unwinding (e.g. by welding). Please refer to the assembly instructions for instructions on cutting hoses. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). The spiral in Metalhex hoses is left-handed. In order to discharge static electricity, the spiral must be grounded on both sides. The flow direction of the medium is specified in the assembly instructions. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

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.



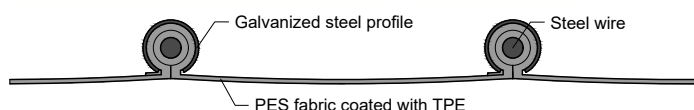
Offered types of KLIN hoses:

Name	Wall material	Spiral	Flexibility	Antistatic	Temperature resistance [°C]	Colour	Diameters [mm]
KLIN TPE	PES fabric one-side coated with TPE	galvanized steel	*****	✗	up to +120	black	80÷1150
KLIN PS A	aluminized fiberglass fabric	galvanized steel	*****	✗	up to +230	white/silver	50÷1150
KLIN PS B	double aluminized fiberglass fabric	galvanized steel	*****	✗	up to +400	white/silver	50÷1150
KLIN WST C	aluminized fiberglass fabric, stainless steel mesh	galvanized steel	*****	✗	up to +500	white/silver	60÷1150
KLIN WST D	aluminized fiberglass fabric, stainless steel mesh, thermo-protective layer	galvanized steel	*****☆	✗	up to +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/grey	90÷1150
KLIN Silic A	fiberglass fabric both-side coated with silicone	galvanized steel	*****	✗	up to +250	red	100÷1150
KLIN LV A05	PES fabric both-side coated with PVC	galvanized steel	*****	✓	-10 ÷ +90 (temporarily up to +105)	black	90÷1150
KLIN CSM Hypa	fiberglass fabric both-side coated with CSM	galvanized steel	*****	✗	-50 ÷ +120	orange	50÷1150
KLIN Chloropren	fiberglass fabric both-side coated with chloroprene	galvanized steel	*****☆	✗	-35 ÷ +120	dark grey	90÷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

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

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

up to +120°C



axially compressible

~1:6



flexibility

★★★★★



UV resistant

✓



standard lengths

5 m, 10 m

Technical data

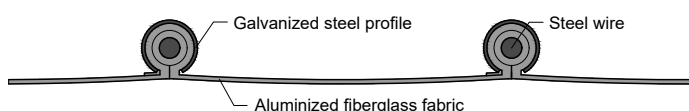
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-20-0080	80	92	50	0,5	-0,11
3-20-0090	90	102	57	0,5	-0,10
3-20-0100	100	112	63	0,6	-0,08
3-20-0110	110	122	69	0,6	-0,06
3-20-0120	120	132	76	0,7	-0,05
3-20-0125	125	137	79	0,7	-0,04
3-20-0130	130	142	82	0,8	-0,04
3-20-0140	140	152	88	0,8	-0,04
3-20-0150	150	162	95	0,9	-0,03
3-20-0160	160	172	101	1,0	-0,03
3-20-0180	180	192	113	1,1	-0,03
3-20-0200	200	212	126	1,3	-0,02
3-20-0225	225	237	142	1,4	-0,02
3-20-0250	250	262	158	1,6	-0,01
3-20-0280	280	292	177	1,7	-0,01
3-20-0300	300	312	189	1,8	-0,01
3-20-0315	315	327	199	1,9	-0,01
3-20-0350	350	362	221	2,0	-0,01
3-20-0400	400	412	252	2,2	-0,005
3-20-0450	450	462	284	2,5	-0,005
3-20-0500	500	512	315	2,8	-0,005
3-20-0600	600	612	378	3,1	-0,005
3-20-0700	700	712	441	3,6	-0,001
3-20-0800	800	812	504	4,1	-0,001
3-20-0900	900	912	567	4,8	-0,001
3-20-1000	1 000	1012	630	5,3	-0,001
3-20-1100	1 100	1112	693	5,9	-0,001

Additional available diameters [mm]: 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

KLIN PS 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

up to +230°C



axially compressible

~ 1:6



flexibility

★★★★★



UV resistant

✓



standard lengths

5 m, 10 m

Technical data

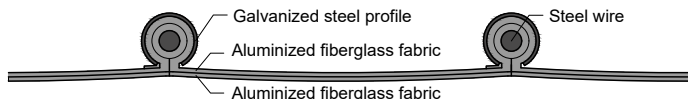
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-02-0050	50	62	32	0,4	-0,20
3-02-0060	60	72	38	0,4	-0,20
3-02-0070	70	82	44	0,4	-0,15
3-02-0080	80	92	50	0,5	-0,11
3-02-0090	90	102	57	0,5	-0,10
3-02-0100	100	112	63	0,6	-0,08
3-02-0110	110	122	69	0,6	-0,06
3-02-0120	120	132	76	0,7	-0,05
3-02-0125	125	137	79	0,7	-0,04
3-02-0130	130	142	82	0,8	-0,04
3-02-0140	140	152	88	0,8	-0,04
3-02-0150	150	162	95	0,9	-0,03
3-02-0160	160	172	101	1,0	-0,03
3-02-0180	180	192	113	1,1	-0,03
3-02-0200	200	212	126	1,3	-0,02
3-02-0225	225	237	142	1,4	-0,02
3-02-0250	250	262	158	1,6	-0,01
3-02-0280	280	292	177	1,7	-0,01
3-02-0300	300	312	189	1,8	-0,01
3-02-0315	315	327	199	1,9	-0,01
3-02-0350	350	362	221	2,0	-0,01
3-02-0400	400	412	252	2,2	-0,005
3-02-0450	450	462	284	2,5	-0,005
3-02-0500	500	512	315	2,8	-0,005
3-02-0600	600	612	378	3,1	-0,005
3-02-0700	700	712	441	3,6	-0,001
3-02-0800	800	812	504	4,1	-0,001
3-02-0900	900	912	567	4,8	-0,001
3-02-1000	1 000	1012	630	5,3	-0,001
3-02-1100	1 100	1112	693	5,9	-0,001

Additional available diameters [mm]: 65, 75, 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

KLIN PS B

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 **up to +400°C**



axially compressible **~1:6**



flexibility **★★★★★**



UV resistant **✓**



standard lengths **5 m, 10 m**

Technical data

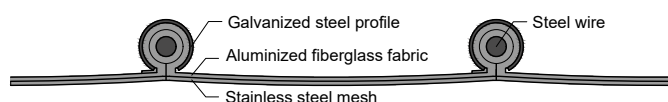
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-16-0050	50	62	32	0,4	-0,20
3-16-0060	60	72	38	0,4	-0,20
3-16-0070	70	82	44	0,4	-0,15
3-16-0080	80	92	50	0,5	-0,11
3-16-0090	90	102	57	0,5	-0,10
3-16-0100	100	112	63	0,6	-0,08
3-16-0110	110	122	69	0,6	-0,06
3-16-0120	120	132	76	0,7	-0,05
3-16-0125	125	137	79	0,7	-0,04
3-16-0130	130	142	82	0,8	-0,04
3-16-0140	140	152	88	0,8	-0,04
3-16-0150	150	162	95	0,9	-0,03
3-16-0160	160	172	101	1,0	-0,03
3-16-0180	180	192	113	1,1	-0,03
3-16-0200	200	212	126	1,3	-0,02
3-16-0225	225	237	142	1,4	-0,02
3-16-0250	250	262	158	1,6	-0,01
3-16-0280	280	292	177	1,7	-0,01
3-16-0300	300	312	189	1,8	-0,01
3-16-0315	315	327	199	1,9	-0,01
3-16-0350	350	362	221	2,0	-0,01
3-16-0400	400	412	252	2,2	-0,005
3-16-0450	450	462	284	2,5	-0,005
3-16-0500	500	512	315	2,8	-0,005
3-16-0600	600	612	378	3,1	-0,005
3-16-0700	700	712	441	3,6	-0,001
3-16-0800	800	812	504	4,1	-0,001
3-16-0900	900	912	567	4,8	-0,001
3-16-1000	1 000	1012	630	5,3	-0,001
3-16-1100	1 100	1112	693	5,9	-0,001

Additional available diameters [mm]: 65, 75, 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

KLIN WST C

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.



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

Technical data

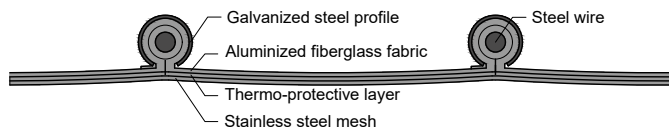
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-09-0060- 2WAR	60	62	32	0,4	-0,20
3-09-0070- 2WAR	70	72	38	0,4	-0,20
3-09-0080- 2WAR	80	82	44	0,4	-0,15
3-09-0090- 2WAR	90	92	50	0,5	-0,11
3-09-0100- 2WAR	100	102	57	0,5	-0,10
3-09-0110- 2WAR	110	112	63	0,6	-0,08
3-09-0120- 2WAR	120	122	69	0,6	-0,06
3-09-0125- 2WAR	125	132	76	0,7	-0,05
3-09-0130- 2WAR	130	137	79	0,7	-0,04
3-09-0140- 2WAR	140	142	82	0,8	-0,04
3-09-0150- 2WAR	150	152	88	0,8	-0,04
3-09-0160- 2WAR	160	162	95	0,9	-0,03
3-09-0180- 2WAR	180	172	101	1,0	-0,03
3-09-0200- 2WAR	200	192	113	1,1	-0,03
3-09-0225- 2WAR	225	212	126	1,3	-0,02
3-09-0250- 2WAR	250	237	142	1,4	-0,02
3-09-0280- 2WAR	280	262	158	1,6	-0,01
3-09-0300- 2WAR	300	292	177	1,7	-0,01
3-09-0315- 2WAR	315	312	189	1,8	-0,01
3-09-0350- 2WAR	350	327	199	1,9	-0,01
3-09-0400- 2WAR	400	362	221	2,0	-0,01
3-09-0450- 2WAR	450	412	252	2,2	-0,005
3-09-0500- 2WAR	500	462	284	2,5	-0,005
3-09-0600- 2WAR	600	512	315	2,8	-0,005
3-09-0700- 2WAR	700	612	378	3,1	-0,005
3-09-0800- 2WAR	800	712	441	3,6	-0,001
3-09-0900- 2WAR	900	812	504	4,1	-0,001
3-09-1000- 2WAR	1 000	912	567	4,8	-0,001
3-09-1100- 2WAR	1 100	1012	630	5,3	-0,001

Additional available diameters [mm]: 65, 75, 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

KLIN WST D

Specialised extraction hose for extremely high temperature applications. Aluminised glass cloth wall, reinforced with a stainless steel mesh with an additional thermo-protective layer, reinforced with a galvanised steel outer spiral, with very good thermal and spark resistance, used in extraction and ventilation systems for the extraction of hot air and gases, e.g. for welding, in glassworks or metalworks.



temperature resistance

up 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
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-09-0090-3WAR	90	102	102	0,5	-0,1
3-09-0100-3WAR	100	112	112	0,6	-0,08
3-09-0110-3WAR	110	122	122	0,7	-0,06
3-09-0120-3WAR	120	132	132	0,8	-0,05
3-09-0125-3WAR	125	137	137	0,8	-0,04
3-09-0130-3WAR	130	142	142	0,9	-0,04
3-09-0140-3WAR	140	152	152	0,9	-0,04
3-09-0150-3WAR	150	162	162	1	-0,03
3-09-0160-3WAR	160	172	172	1	-0,03
3-09-0180-3WAR	180	192	192	1,2	-0,03
3-09-0200-3WAR	200	212	212	1,3	-0,02
3-09-0225-3WAR	225	237	237	1,5	-0,02
3-09-0250-3WAR	250	262	262	1,7	-0,01
3-09-0280-3WAR	280	292	292	1,8	-0,01
3-09-0300-3WAR	300	312	312	1,9	-0,01
3-09-0315-3WAR	315	327	327	2	-0,01
3-09-0350-3WAR	350	362	362	2,1	-0,01
3-09-0400-3WAR	400	412	412	2,3	-0,005
3-09-0450-3WAR	450	462	462	2,6	-0,005
3-09-0500-3WAR	500	512	512	2,9	-0,005
3-09-0600-3WAR	600	612	612	3,2	-0,005
3-09-0700-3WAR	700	712	712	3,7	-0,001
3-09-0800-3WAR	800	812	812	4,2	-0,001
3-09-0900-3WAR	900	912	912	4,9	-0,001
3-09-1000-3WAR	1 000	1012	1012	5,4	-0,001
3-09-1100-3WAR	1 100	1112	1112	5,9	-0,001
3-09-0900- 2WAR	900	812	504	4,1	-0,001
3-09-1000- 2WAR	1 000	912	567	4,8	-0,001
3-09-1100- 2WAR	1 100	1012	630	5,3	-0,001

Additional available diameters [mm]: 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

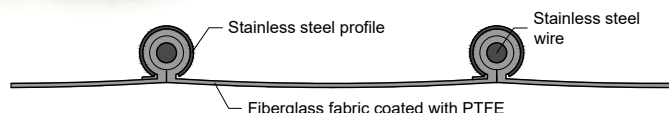
KLIN PTFE

Very flexible chemically resistant suction hoses made of fiberglass fabric coated on both sides with PTFE reinforced with a stainless 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

Technical data



chemically resistant

★★★★★



temperature resistance

-70°C ÷ +260°C



axially compressible

~1:7



flexibility

★★★★★

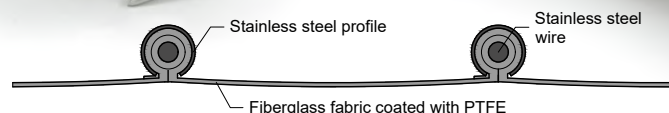


standard lengths

5 m, 10 m



KLIN PTFE Teflo C



antistatic

<10⁶ Ω



chemically resistant

★★★★★



temperature resistance

-70°C ÷ +260°C



axially compressible

~1:7



flexibility

★★★★★



standard lengths

5 m, 10 m

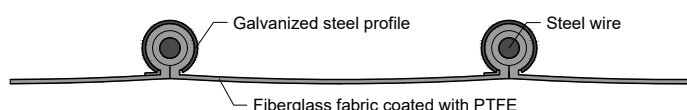
Product code		Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Teflo B	Teflo C					
[mm]	[mm]	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-10-0100	3-13-0100	100	112	63	0,5	-0,08
3-10-0110	3-13-0110	110	122	69	0,5	-0,06
3-10-0120	3-13-0120	120	132	76	0,6	-0,05
3-10-0125	3-13-0125	125	137	79	0,6	-0,04
3-10-0130	3-13-0130	130	142	82	0,6	-0,04
3-10-0140	3-13-0140	140	152	88	0,7	-0,04
3-10-0150	3-13-0150	150	162	95	0,7	-0,03
3-10-0160	3-13-0160	160	172	101	0,8	-0,03
3-10-0180	3-13-0180	180	192	113	0,9	-0,03
3-10-0200	3-13-0200	200	212	126	1,0	-0,02
3-10-0225	3-13-0225	225	237	142	1,1	-0,02
3-10-0250	3-13-0250	250	262	158	1,2	-0,01
3-10-0280	3-13-0280	280	292	177	1,4	-0,01
3-10-0300	3-13-0300	300	312	189	1,5	-0,01
3-10-0315	3-13-0315	315	327	199	1,5	-0,01
3-10-0350	3-13-0350	350	362	221	1,7	-0,01
3-10-0400	3-13-0400	400	412	252	1,9	-0,005
3-10-0450	3-13-0450	450	462	284	2,2	-0,005
3-10-0500	3-13-0500	500	512	315	2,6	-0,005
3-10-0600	3-13-0600	600	612	378	2,7	-0,005
3-10-0700	3-13-0700	700	712	441	3,1	-0,001
3-10-0800	3-13-0800	800	812	504	3,6	-0,001
3-10-0900	3-13-0900	900	912	567	4,1	-0,001
3-10-1000	3-13-1000	1000	1012	630	4,7	-0,001
3-10-1100	3-13-1100	1100	1112	693	5,9	-0,001

Additional available diameters [mm]: 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150 (długość dla spirali ocynkowanej: 50, 60, 65, 70, 75, 80, 90).

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

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.



	mechanically durable	✓
	chemically resistant	★★★★★
	temperature resistance	-70°C ÷ +260°C
	axially compressible	~1:6
	flexibility	★★★★★
	standard lengths	5 m, 10 m

Technical data

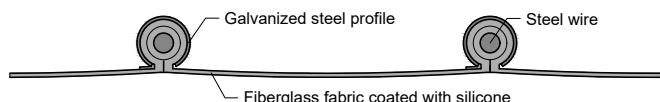
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-01-0090	90*	102	57	0,5	-0,10
3-01-0100	100	112	63	0,5	-0,08
3-01-0110	110	122	69	0,6	-0,06
3-01-0120	120	132	76	0,7	-0,05
3-01-0125	125	137	79	0,7	-0,04
3-01-0130	130	142	82	0,8	-0,04
3-01-0140	140	152	88	0,8	-0,04
3-01-0150	150	162	95	0,9	-0,03
3-01-0160	160	172	101	0,9	-0,03
3-01-0180	180	192	113	1,1	-0,03
3-01-0200	200	212	126	1,2	-0,02
3-01-0225	225	237	142	1,3	-0,02
3-01-0250	250	262	158	1,4	-0,01
3-01-0280	280	292	177	1,6	-0,01
3-01-0300	300	312	189	1,7	-0,01
3-01-0315	315	327	199	1,8	-0,01
3-01-0350	350	362	221	1,9	-0,01
3-01-0400	400	412	252	2,1	-0,005
3-01-0450	450	462	284	2,4	-0,005
3-01-0500	500	512	315	2,6	-0,005
3-01-0600	600	612	378	3,0	-0,005
3-01-0700	700	712	441	3,6	-0,001
3-01-0800	800	812	504	3,9	-0,001
3-01-0900	900	912	567	4,5	-0,001
3-01-1000	1 000	1012	630	5,2	-0,001
3-01-1100	1 100	1112	693	5,9	-0,001

Additional available diameters [mm]: 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

KLIN Silic A

Very flexible suction hose made of fiberglass fabric coated with silicone 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

★★★★★



temperature resistance

up to +250°C



axially compressible

~1:6



flexibility

★★★★★



standard lengths

5 m, 10 m

Technical data

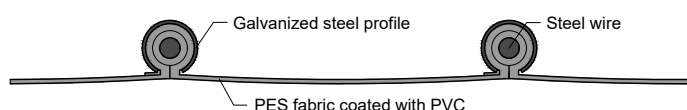
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-12-0100	100	112	63	0,6	-0,08
3-12-0110	110	122	69	0,6	-0,06
3-12-0120	120	132	76	0,7	-0,05
3-12-0125	125	137	79	0,7	-0,04
3-12-0130	130	142	82	0,7	-0,04
3-12-0140	140	152	88	0,7	-0,04
3-12-0150	150	162	95	0,8	-0,03
3-12-0160	160	172	101	0,8	-0,03
3-12-0180	180	192	113	0,9	-0,03
3-12-0200	200	212	126	1,0	-0,02
3-12-0225	225	237	142	1,2	-0,02
3-12-0250	250	262	158	1,3	-0,01
3-12-0280	280	292	177	1,4	-0,01
3-12-0300	300	312	189	1,6	-0,01
3-12-0315	315	327	199	1,6	-0,01
3-12-0350	350	362	221	1,8	-0,01
3-12-0400	400	412	252	2,0	-0,005
3-12-0450	450	462	284	2,3	-0,005
3-12-0500	500	512	315	2,5	-0,005
3-12-0600	600	612	378	2,8	-0,005
3-12-0700	700	712	441	3,2	-0,001
3-12-0800	800	812	504	3,7	-0,001
3-12-0900	900	912	567	4,2	-0,001
3-12-1000	1 000	1012	630	4,8	-0,001
3-12-1100	1 100	1112	693	5,9	-0,001

Additional available diameters [mm]: 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

KLIN LV A05

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

<10⁶ Ω



chemically resistant

★★★★★



temperature resistance

-10°C ÷ +90°C
(temporarily up to 105°C)



axially compressible

~1:6



flexibility

★★★★★



UV resistant

✓



flammability class

nonflammable
acc. to ISO 6940



standard lengths

5 m, 10 m

Technical data

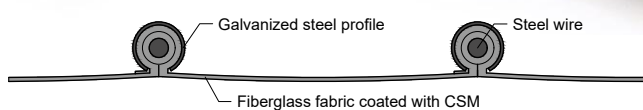
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-07-0090	90	102	57	0,5	-0,10
3-07-0100	100	112	63	0,5	-0,08
3-07-0110	110	122	69	0,6	-0,06
3-07-0120	120	132	76	0,7	-0,05
3-07-0125	125	137	79	0,7	-0,04
3-07-0130	130	142	82	0,8	-0,04
3-07-0140	140	152	88	0,8	-0,04
3-07-0150	150	162	95	0,9	-0,03
3-07-0160	160	172	101	0,9	-0,03
3-07-0180	180	192	113	1,1	-0,03
3-07-0200	200	212	126	1,2	-0,02
3-07-0225	225	237	142	1,3	-0,02
3-07-0250	250	262	158	1,4	-0,01
3-07-0280	280	292	177	1,6	-0,01
3-07-0300	300	312	189	1,7	-0,01
3-07-0315	315	327	199	1,8	-0,01
3-07-0350	350	362	221	1,9	-0,01
3-07-0400	400	412	252	2,1	-0,005
3-07-0450	450	462	284	2,4	-0,005
3-07-0500	500	512	315	2,6	-0,005
3-07-0600	600	612	378	3,0	-0,005
3-07-0700	700	712	441	3,6	-0,001
3-07-0800	800	812	504	3,9	-0,001
3-07-0900	900	912	567	4,5	-0,001
3-07-1000	1 000	1012	630	5,2	-0,001
3-07-1100	1 100	1112	693	5,9	-0,001

Additional available diameters [mm]: 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

KLIN CSM Hypa

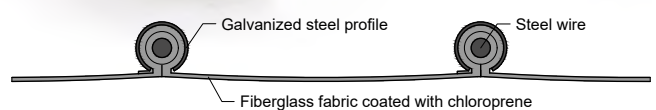
Very flexible suction hose made of fiberglass fabric coated with CSM on both sides, reinforced with a steel galvanized external spiral, with very good chemical and thermal resistance, used in extraction and ventilation systems to remove cold and hot air, steam, exhaust gases and chemical fumes.



	chemically resistant	★★★★★
	temperature resistance	-50°C ÷ +120°C
	axially compressible	~ 1:6
	flexibility	★★★★★
	UV resistant i ozon	✓
	standard lengths	5 m, 10 m

KLIN Chloropren

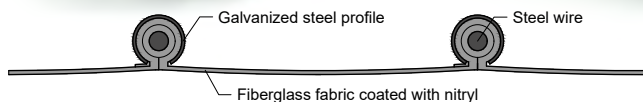
Very flexible suction hose made of fiberglass fabric coated with chloroprene on both sides, reinforced with a steel galvanized external spiral, with very good chemical and thermal resistance, used in extraction and ventilation systems to remove gaseous media and chemical vapors.



	chemically resistant	★★★★★
	temperature resistance	od -35°C ÷ +120°C
	axially compressible	~ 1:5
	flexibility	★★★★☆
	standard lengths	5 m, 10 m

KLIN Nitryl

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	★★★★★
	temperature resistance	-50°C ÷ +100°C
	axially compressible	~ 1:6
	flexibility	★★★★★
	standard lengths	5 m, 10 m

Technical data

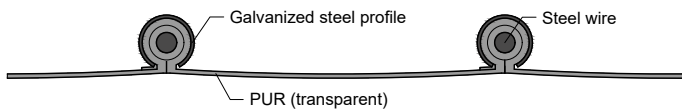
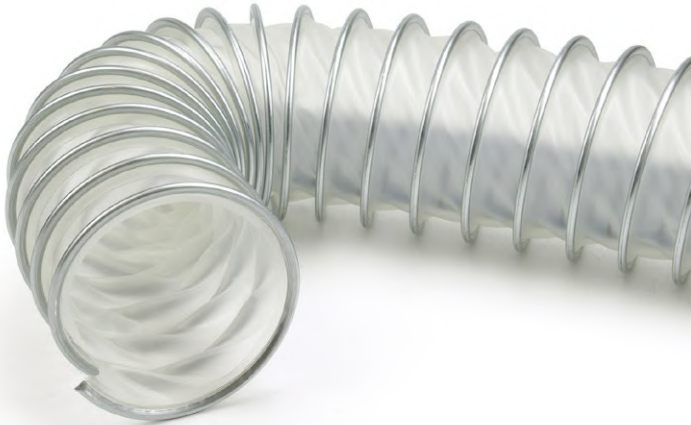
Product code			Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
CSM Hypa	Chloropren	Nitryl	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-15-0050		3-11-0050	50	62	32	0,3	-0,20
3-15-0060		3-11-0060	60	72	38	0,4	-0,20
3-15-0080		3-11-0080	80	92	50	0,4	-0,11
3-15-0100	3-14-0100	3-11-0100	100	112	63	0,5	-0,08
3-15-0110	3-14-0110	3-11-0110	110	122	69	0,5	-0,06
3-15-0120	3-14-0120	3-11-0120	120	132	76	0,6	-0,05
3-15-0125	3-14-0125	3-11-0125	125	137	79	0,6	-0,04
3-15-0130	3-14-0130	3-11-0130	130	142	82	0,6	-0,04
3-15-0150	3-14-0150	3-11-0150	150	162	95	0,7	-0,03
3-15-0180	3-14-0180	3-11-0180	180	192	113	0,9	-0,03
3-15-0200	3-14-0200	3-11-0200	200	212	126	1,0	-0,02
3-15-0250	3-14-0250	3-11-0250	250	262	158	1,2	-0,01
3-15-0300	3-14-0300	3-11-0300	300	312	189	1,5	-0,01
3-15-0350	3-14-0350	3-11-0350	350	362	221	1,7	-0,01
3-15-0400	3-14-0400	3-11-0400	400	412	252	1,9	-0,005
3-15-0500	3-14-0500	3-11-0500	500	512	315	2,6	-0,005

Additional available diameters [mm]: 65, 70, 75, 90, 115, 140, 160, 165, 175, 225, 230, 280, 315, 320, 355, 420, 450, 470, 515, 550, 560, 570, 580, 600, 630, 650, 700, 730, 750, 800, 850, 900, 1000, 1100, 1150.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

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	<10 ⁹ Ω
	suitable for contact with food	Atest PZH *
	axially compressible	~1:7
	flexibility	★★★★★
	temperature resistance	-30°C ÷ +90°C
	flammability class	V-2 acc. to 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	potentially explosive areas (<10 ³ Ω)	
KLIN PUR TM	work at elevated temperatures (<110°C)	

Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-MB-05-0060	60	72	38	0,6	-0,20
3-MB-05-0070	70	82	44	0,7	-0,15
3-MB-05-0080	80	92	50	0,8	-0,11
3-MB-05-0090	90	102	57	0,9	-0,10
3-MB-05-0100	100	112	63	1,0	-0,08
3-MB-05-0110	110	122	69	1,1	-0,06
3-MB-05-0120	120	132	76	1,2	-0,05
3-MB-05-0125	125	137	79	1,2	-0,04
3-MB-05-0130	130	142	82	1,3	-0,04
3-MB-05-0140	140	152	88	1,3	-0,04
3-MB-05-0150	150	162	95	1,4	-0,03
3-MB-05-0160	160	172	101	1,4	-0,03
3-MB-05-0180	180	192	113	1,5	-0,03
3-MB-05-0200	200	212	126	1,6	-0,02
3-MB-05-0225	225	237	142	1,7	-0,02
3-MB-05-0250	250	262	158	1,8	-0,01
3-MB-05-0280	280	292	177	1,9	-0,01
3-MB-05-0300	300	312	189	2,0	-0,01
3-MB-05-0315	315	327	199	2,0	-0,01
3-MB-05-0350	350	362	221	2,2	-0,01
3-MB-05-0400	400	412	252	2,4	-0,005
3-MB-05-0450	450	462	284	2,6	-0,005
3-MB-05-0500	500	512	315	2,9	-0,005
3-MB-05-0600	600	612	378	3,4	-0,005
3-MB-05-0700	700	712	441	4,0	-0,001
3-MB-05-0800	800	812	504	4,5	-0,001
3-MB-05-0900	900	912	567	5,2	-0,001
3-MB-05-1000	1000	1012	630	5,7	-0,001
3-MB-05-1100	1100	1112	693	5,9	-0,001

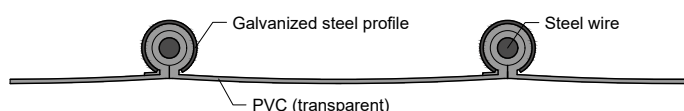
Additional available diameters [mm]: 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 720, 750, 850, 1150.

*Atest PZH – Health Quality Certificate. PUR SP, PUR MB and PUR AG hoses meet the requirements of Regulations PE 1935/2004 regarding organoleptic features and global migration for model fluids. Attention! Do not use for transmission of fats.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

KLIN PVC

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°C ÷ +70°C



axially compressible

~1:7



flexibility

★★★★★



standard lengths

5 m, 10 m

Technical data

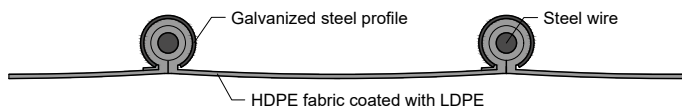
	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-03-0060	60	72	38	0,6	-0,20
3-03-0070	70	82	44	0,7	-0,15
3-03-0080	80	92	50	0,8	-0,11
3-03-0090	90	102	57	0,9	-0,10
3-03-0100	100	112	63	1,0	-0,08
3-03-0110	110	122	69	1,1	-0,06
3-03-0120	120	132	76	1,2	-0,05
3-03-0125	125	137	79	1,2	-0,04
3-03-0130	130	142	82	1,3	-0,04
3-03-0140	140	152	88	1,3	-0,04
3-03-0150	150	162	95	1,4	-0,03
3-03-0160	160	172	101	1,4	-0,03
3-03-0180	180	192	113	1,5	-0,03
3-03-0200	200	212	126	1,6	-0,02
3-03-0225	225	237	142	1,7	-0,02
3-03-0250	250	262	158	1,8	-0,01
3-03-0280	280	292	177	1,9	-0,01
3-03-0300	300	312	189	2,0	-0,01
3-03-0315	315	327	199	2,0	-0,01
3-03-0350	350	362	221	2,2	-0,01
3-03-0400	400	412	252	2,4	-0,005
3-03-0450	450	462	284	2,6	-0,005
3-03-0500	500	512	315	2,9	-0,005
3-03-0600	600	612	378	3,4	-0,005
3-03-0700	700	712	441	4,0	-0,001
3-03-0800	800	812	504	4,5	-0,001
3-03-0900	900	912	567	5,2	-0,001
3-03-1000	1000	1012	630	5,7	-0,001
3-03-1100	1100	1112	693	5,9	-0,001

Additional available diameters [mm]: 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

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 $-40^{\circ}\text{C} \div +80^{\circ}\text{C}$

axially compressible $\sim 1:6$

flexibility ★★★★★

UV resistant ✓

standard lengths 5 m, 10 m

Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
3-06-0060	60	72	38	0,4	-0,20
3-06-0070	70	82	44	0,4	-0,15
3-06-0080	80	92	50	0,4	-0,11
3-06-0090	90	102	57	0,5	-0,10
3-06-0100	100	112	63	0,5	-0,08
3-06-0110	110	122	69	0,5	-0,06
3-06-0120	120	132	76	0,6	-0,05
3-06-0125	125	137	79	0,6	-0,04
3-06-0130	130	142	82	0,6	-0,04
3-06-0140	140	152	88	0,7	-0,04
3-06-0150	150	162	95	0,7	-0,03
3-06-0160	160	172	101	0,8	-0,03
3-06-0180	180	192	113	0,9	-0,03
3-06-0200	200	212	126	1,0	-0,02
3-06-0225	225	237	142	1,1	-0,02
3-06-0250	250	262	158	1,2	-0,01
3-06-0280	280	292	177	1,4	-0,01
3-06-0300	300	312	189	1,5	-0,01
3-06-0315	315	327	199	1,5	-0,01
3-06-0350	350	362	221	1,7	-0,01
3-06-0400	400	412	252	1,9	-0,005
3-06-0450	450	462	284	2,2	-0,005
3-06-0500	500	512	315	2,6	-0,005
3-06-0600	600	612	378	2,7	-0,005
3-06-0700	700	712	441	3,1	-0,001
3-06-0800	800	812	504	3,6	-0,001
3-06-0900	900	912	567	4,1	-0,001
3-06-1000	1 000	1012	630	4,7	-0,001
3-06-1100	1 100	1112	693	5,9	-0,001

Additional available diameters [mm]: 115, 165, 175, 230, 320, 355, 420, 470, 515, 550, 570, 580, 630, 650, 730, 750, 850, 1150.

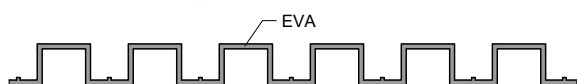
It is possible to make a hose with a non-standard diameter (not included in the basic offer) and make hoses with stainless steel spiral on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is ± 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in KLIN hoses is left-handed. The flow direction of the medium is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

Highly flexible and lightweight suction hose with high crushing and torsion resistance, gastight and watertight, ozone and UV resistant, designed for industrial and household vacuum cleaners, cleaning machines and dust extraction systems for removing polluted air, dust, fine particles, oils, alkalis, acids etc.



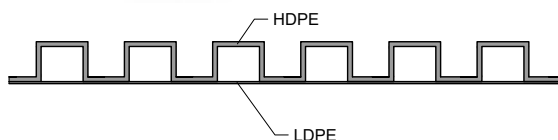
Technical data

	Inner diameter	Outer diameter	Bending radius	Approx. weight	Vacuum
Product code	[mm]	[mm]	[mm]	[kg/m]	[bar]
EVA - 32x38	32	38	70	0,2	-0,4
EVA - 38x48	38	48	80	0,2	-0,4
EVA - 50x63	50	63	100	0,3	-0,4



	abrasion resistant	★★★★☆
	chemically resistant	★★★★☆
	UV and ozone resistant	✓
	flexibility	★★★★★
	surface presistance	<10 ¹¹ Ω
	temperature resistance	-30°C ÷ +70°C

Corrugated double-layer conduit for the protection of electrical and telecommunications cables routed in the ground, made of high quality HDPE and LDPE polyethylene. Thanks to its double structure, i.e. smooth on the inside and corrugated on the outside, it is mechanically very strong - with a compression resistance of more than 450N - and at the same time flexible and lightweight, ensuring efficient and easy distribution of the installation. The wall material is highly resistant to external influences, i.e. temperature, atmospheric conditions, chemicals, hydrolysis, etc., thus providing reliable protection for the cables routed inside.



Technical data

	Inner diameter	Outer diameter	Approx. weight
Product code	[mm]	[mm]	[kg/m]
20-01-0040-*	30	40	0,2
21-01-0050-*	40	50	0,23
22-01-0063-*	51	63	0,3
23-01-0075-*	61	75	0,37
24-01-0090-*	75	90	0,44
25-01-0110-*	92	110	0,55
26-01-0160-*	140	160	0,7

* - 50 for 50-meter coils, - 25 for 25-meter coils



mechanically durable

Compressive strength
>450N



temperature resistance

-5°C ÷ 60°C



smooth inner wall



flexibility

★★☆☆☆



chemically resistant

★★★★★



standard lengths

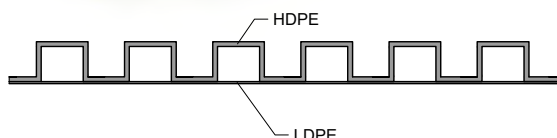
25 m, 50 m



minimal order quantity



Corrugated double-layer recuperation duct made of high-quality polyethylene. Thanks to its construction, it is mechanically very strong and at the same time flexible and light, which makes it ideal for the distribution of recuperation or ventilation systems. The inner wall of the duct is smooth and made of polyethylene with the addition of silver nanoparticles with antibacterial and antifungal properties, which protects against the multiplication of microorganisms inside the duct and ensures high purity of the transported air.



Technical data

Product code	Inner diameter [mm]	Outer diameter [mm]	Approx. weight [kg/m]
20-02-0040-*	30	40	0,2
21-02-0050-*	40	50	0,23
22-02-0063-*	51	63	0,3
23-02-0075-*	61	75	0,37
24-02-0090-*	75	90	0,44
25-02-0110-*	92	110	0,55
26-02-0160-*	140	160	0,7

* - 50 for 50-meter coils, - 25 for 25-meter coils

	antibacterial and antifungal	✓
	temperature resistance	-5°C ÷ 60°C
	smooth inner wall	✓
	mechanically durable	Compressive strength >450N
	flexibility	★★☆☆☆
	chemically resistant	★★★★★
	standard lengths	25 m, 50 m
	minimal order quantity	✓

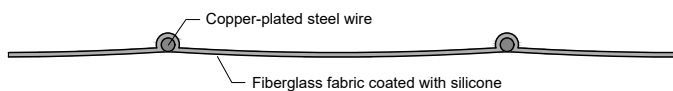
Customised Rekupflex duct variants available:

Rekupflex UV	highly UV resistant	
Rekupflex Flame	upgraded flammability class	

It is possible to make a hose in color or with a print on a special request. If you require further information, please contact our sales department. Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

Uni-silic A

Chemically resistant lightweight hose made of one layer of silicone-coated glass fabric, reinforced with coppered steel wire, finished with a glass cord stabiliser, resistant to chemicals and high temperatures up to 310°C, with a smooth inner wall, even when bent. The product is CE certified and suitable for use in automotive, shipbuilding, military, aerospace, agriculture, fume and exhaust extraction, construction equipment, industrial vehicles, turbines, wind turbines, ventilation (HVAC), railways, pellet processing, printing automation and general industrial applications.



	chemically resistant	★★★★★
	temperature resistance	-80°C ÷ +310°C
	smooth inner wall	✓
	flexibility	★★★★☆
	resistant to hydrolysis	✓
	standard lengths	4 m

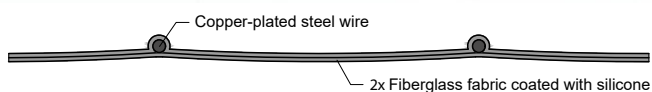
Technical data

	Inner diameter	Outer diameter	Bending radius	Pressure	Vacuum	Approx. weight
Product code	[mm]	[mm]	[mm]	[bar]	[bar]	[kg/m]
USILIC A 019	19	22	10	1,8	0,58	0,08
USILIC A 022	22	25	11	1,8	0,58	0,112
USILIC A 025	25	29	13	1,5	0,58	0,12
USILIC A 032	32	35	16	1,5	0,58	0,146
USILIC A 038	38	42	19	1,5	0,58	0,167
USILIC A 041	41	45	21	1,5	0,57	0,186
USILIC A 044	44	48	22	1,5	0,56	0,228
USILIC A 051	51	55	26	1,5	0,5	0,25
USILIC A 057	57	61	29	1,3	0,5	0,276
USILIC A 060	60	64	30	1,3	0,5	0,292
USILIC A 063	63	67	32	1,3	0,5	0,29
USILIC A 065	65	69	33	1,2	0,5	0,385
USILIC A 070	70	74	35	1,2	0,5	0,405
USILIC A 076	76	80	38	1,1	0,397	0,42
USILIC A 080	80	84	40	1,1	0,397	0,463
USILIC A 083	83	87	42	1,1	0,397	0,486
USILIC A 089	89	93	45	1,1	0,385	0,525
USILIC A 095	95	99	48	1,1	0,385	0,57
USILIC A 102	102	106	51	1	0,3	0,65
USILIC A 110	110	114	55	0,9	0,28	0,705
USILIC A 114	114	119	57	0,9	0,22	0,72
USILIC A 121	121	126	61	0,9	0,2	0,79
USILIC A 127	127	132	64	0,8	0,17	0,8
USILIC A 140	140	145	70	0,7	0,15	0,925
USILIC A 152	152	157	76	0,7	0,14	0,98
USILIC A 160	160	165	80	0,6	0,12	1,03
USILIC A 165	165	170	83	0,6	0,1	1,1
USILIC A 180	180	185	90	0,6	0,08	1,2
USILIC A 203	203	208	102	0,5	0,07	1,33
USILIC A 229	229	234	115	0,5	0,05	1,5
USILIC A 254	254	259	127	0,4	0,045	1,65
USILIC A 305	305	310	153	0,1	0,03	2

Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in Uni-silic hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

Uni-silic B

Chemically resistant high-temperature hose made of two layers of silicone-coated glass fabric, reinforced with coppered steel wire, finished with a glass cord stabiliser, resistant to chemicals and high temperatures up to 310°C, with a smooth inner wall, even when bent. The product is CE certified and suitable for use in automotive, shipbuilding, military, aerospace, agriculture, fume and exhaust extraction, construction equipment, industrial vehicles, turbines, wind turbines, ventilation (HVAC), railways, pellet processing, printing automation and general industrial applications.



chemically resistant



temperature resistance

-80°C ÷ +310°C



smooth inner wall



flexibility



resistant to hydrolysis



standard lengths

4 m

Technical data

	Inner diameter	Outer diameter	Bending radius	Pressure	Vacuum	Approx. weight
Product code	[mm]	[mm]	[mm]	[bar]	[bar]	[kg/m]
USILIC B 019	19	22	19	2,5	0,585	0,13
USILIC B 022	22	25	22	2,5	0,585	0,15
USILIC B 025	25	30	25	2,5	0,585	0,18
USILIC B 032	32	36	32	2,5	0,585	0,22
USILIC B 038	38	43	38	2,5	0,585	0,25
USILIC B 041	41	46	41	2,5	0,565	0,29
USILIC B 044	44	49	44	2,5	0,565	0,31
USILIC B 051	51	56	51	2,5	0,5	0,33
USILIC B 057	57	62	57	2,4	0,5	0,39
USILIC B 060	60	65	60	2,4	0,5	0,4
USILIC B 063	63	68	63	2,4	0,45	0,42
USILIC B 065	65	70	65	2,4	0,45	0,49
USILIC B 070	70	75	70	2,3	0,45	0,5
USILIC B 076	76	81	76	2,3	0,4	0,53
USILIC B 080	80	85	80	2,1	0,4	0,56
USILIC B 083	83	88	83	2,1	0,4	0,59
USILIC B 089	89	94	89	2,1	0,395	0,61
USILIC B 095	95	100	95	2	0,395	0,66
USILIC B 102	102	107	102	1,9	0,305	0,71
USILIC B 110	110	115	110	1,7	0,29	0,81
USILIC B 114	114	119	114	1,6	0,28	0,85
USILIC B 121	121	126	121	1,5	0,27	0,89
USILIC B 127	127	132	127	1,4	0,22	0,93
USILIC B 140	140	145	140	1,3	0,18	1,02
USILIC B 152	152	158	152	1,2	0,17	1,2
USILIC B 160	160	166	160	1,1	0,14	1,31
USILIC B 165	165	171	165	1	0,13	1,39
USILIC B 180	180	186	180	0,9	0,11	1,51
USILIC B 203	203	209	203	0,7	0,09	1,65
USILIC B 229	229	235	229	0,5	0,058	1,9
USILIC B 254	254	260	254	0,4	0,04	2,14
USILIC B 305	305	311	305	0,4	0,02	2,58

Tolerance for the parameters contained in this catalog is about 5%. Tolerance for inner diameters is +/- 2 mm. All parameters apply for room temperature (approx. 22°C). In order to discharge static electricity, the spiral must be grounded on both sides. The spiral in Uni-silic hoses is right-handed. The flow direction of the medium is indicated on the hose with an arrow. For non-transparent hoses, the flow direction is specified in the assembly instructions. Before using the product, please read the assembly and use instructions available on our website www.rondo-official.com or in the sales department. The unit lengths of the hoses are measured while maximum extension. Returns are only possible on standard length orders. 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. Please let us know your preferred method of hose packaging when placing your order.

Hose accessories

The offer is expanded with various types of hose accessories made of galvanized or stainless steel and polyurethane.

OFFERED PRODUCT TYPES:

CONNECTORS

REDUCTIONS

TEES

ENDING CONNECTORS

VALVES

HOSE CLAMPS

NON-STANDARD ELEMENTS

CAMLOCK COUPLINGS

STORZ COUPLINGS



Galvanized steel connectors

Metal connectors and elements made of 0.5 mm tin-welded galvanized steel in standard dimensions.

- Connectors
- Reductions
- Y-shaped tees
- T-shaped tees
- Valves



Polyurethane elements

Connectors made of colored polyurethane.

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



Hose 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



CAMLOCK Couplings



STORZ Couplings





RONDO
Manufacturer of industrial hoses

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