

PROTECTION AT THE HIGHEST LEVEL

REHAU INSULATING HOSES

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1 REHAU INSULATING HOSES

THE RIGHT SOLUTION FOR EVERY REQUIREMENT



For decades. REHAU has been converting polymer materials into high quality technical products. You will find the REHAU hose and silicone technology in the following sectors:

- Automotive industry
- High pressure technology
- Industrial technology
- Food and beverage industry
- Horticultural and agricultural technology industry
- Technical specialist trade

The know-how acquired and focus on customer requirements distinguish REHAU as a specialist in the area of hose and silicone technology.

Specifically in the area of insulating hoses you will find a wide range of finely tuned formulations with the singular aim:

Consistent. excellent product quality.

1 REHAU INSULATING HOSES

WHAT WE CAN DO FOR YOU



REHAU considers itself to be not just a supplier of standard formulations, but also a partner for customer-specific developments. Regardless of what ideas and requirements you have, we will search together with you, designing and developing individual solutions.

The wealth of experience in the processing of polymer materials, and also the extensive know-how from over 40.000 product developments form the basis for this.

In addition to this, REHAU offers you:

- Comprehensive technical applications advice
- Individual formulation of the materials
- Precise colouring in the laboratory
- In-house tool-making department
- Versatile production techniques
- Continuous quality monitoring

2 MATERIAL OVERVIEW

QUALITY TESTED IN LINE WITH STANDARDS

RAU-PVC 9311

Special formulation, resistant to oils and varnishes
High resistance to heat. Only available in opaque colours.

RAU-PVC 9148

Special formulation to UL 224 (E 44 854), for example for overseas requirements. Extremely resistant to heat. Suitable for cable bundles in electric motor construction and in medical and technical equipment. Only available in opaque colours.

RAU-PVC 9389

Standard formulation to DIN 40621, tested to TL-VW 507 and BMW standard 60 077.0 and also BOSCH N 28 5 505 2. Suitable for protective sleeving for cable bundles in the automotive industry, on tool machines and in domestic appliances.

RAU-PVC 9248

Special formulation to DIN 40621, tested to TL-VW 507/1 and Porsche TL 12202. Increased heat resistance, for example for protective sleeving for cables in the motor area.

DIN EN 60684-1

We welcome enquiries into the range of dimensions (thick-walled/thin-walled) available and corresponding material qualities, which fulfil this EURO standard. High and low temperature resistance can also be processed according to customer requirements.

RAU-PVC 8589

Special formulation to DIN 40621, tested to TL-VW 514 and Porsche TL 12203. Increased resistance to low temperatures.

For protective sleeving for cables in the outdoor area and also in the case of increased mechanical loading.

RAU-PUR 2611 (available only on request)

standard formulation, resistant to oil and fuel. Abrasion and notch impact resistant. Hydrolysis and microbe-resistant material.

RAU-PUR 2610

Standard formulation, resistant to oil and fuel. Extremely abrasion and notch impact resistant.

RAU-EMPP 554

Special formulation.
Elastomer-modified PP (TPE-V) to BOSCH standard N28 NS 01 S036.

RAU-SIK 8253

Highly heat-resistant silicone quality tested to VW TL 2.8.1 incl. TL1010 and VW standard 91101.

3 TECHNICAL INFORMATION

Material type	Test standard	RAU-SIK 8253	RAU-PVC 9389	RAU-PVC 9248	RAU-PVC 9148
Density [g/cm ³]	ISO 1183	1.16 ± 0.03	1.40 ± 0.03	1.37 ± 0.03	1.37 ± 0.03
Hardness Shore A	ISO 868. 3 s	65 ± 5	93 ± 3	92 ± 3	91 ± 3
Tensile strength [MPa]	ISO 527-1/2/ DIN 53504. S2	≥ 7.5	≥ 15	≥ 15	≥ 15
Ultimate elongation [%]	ISO 527-1/2/ DIN 53504. S2	≥ 250	≥ 250	≥ 300	≥ 220
Heat resistance test	-	-	24 h at +90 °C	240 h at +125 °C 3000 h at +100 °C	168 h at +136 °C 300 h at +125 °C
Low temperature resistance test	-	-	0.5 h at -20 °C	6 h at -40 °C	1 h at -30 °C
Temperature range up to max. 3000 h (*)	-	-	-20 °C to +70 °C	-40 °C to +105 °C	-30 °C to +125 °C
Operating time at maximum temperature	-	-	-	-	-
Temperature range ≥ 3000 h (*)	-	-40 °C to +180 °C	-20 °C to +60 °C	-40 °C to +90 °C	-30 °C to +105 °C
Operating time at maximum temperature	-	-	-	-	-
Specific volume resistance [Ω cm]	IEC 60093/ VDE 0303	≥ 10 ¹⁵	≥ 10 ¹⁰	≥ 10 ¹⁰	≥ 10 ¹⁰
Dielectric strength [kV/mm]	IEC 60243-1/ VDE 0303	≥ 18	≥ 20	≥ 20	≥ 20
Flammability [level]	MVSS 302	II (self-extinguishing)**	II (self-extinguishing)**	II (self-extinguishing)**	II (self-extinguishing)**
Halogen-free	-	yes	no	no	no
Directive 2002/95/EC	-	-	-	-	-
Electrical/electronic equipment	-	yes	yes	yes	yes
Directive 2002/96/EC	-	-	-	-	-
Electrical/electronic equipment	-	yes	yes	yes	yes
Directives RL 2000/53/EC and RL 2002/525/EC	-	-	-	-	-
End-of-life vehicles directive (lead, cadmium, chrome (VI), mercury-free)	-	yes	yes	yes	yes
Directive 2003/11/EC (Penta/Octa-BDE-free)	-	yes	yes	yes	yes
Directive 76/796/EU	-	-	-	-	-
Hazardous substances and preparations	-	yes	yes	yes	yes
Miscellaneous	-	VW-TL 2.8.1. ozone-resistant	Standard quality DIN 40621. VW TL 507	improved heat resistance DIN 40621. VW TL 507/1	high heat resistance. UL 224. File No. E44854. DBL 6312-02

(*) depending on the specific installation situation (mechanical loads, thermal loads)

** depending on the wall thickness

RAU-PVC 8589	RAU-PVC 9311	RAU-PUR 2611	RAU-PUR 2610	RAU-EMPP 554
1.32 ± 0.03	1.30 ± 0.03	1.14 ± 0.03	1.22 ± 0.03	1.24 ± 0.03
83 ± 3	93 ± 3	90 ± 3	86 ± 5	80 ± 3
≥ 17	≥ 15	≥ 35	≥ 20	≥ 7
≥ 300	≥ 250	≥ 300	≥ 250	≥ 400
24 h at +80 °C	168 h at +136 °C	96 h at +130 °C	96 h at +130 °C	1000 h at +125 °C
24 h at -40 °C	1 h at -10 °C	0.5 h at -40 °C	0.5 h at -40 °C	0.5 h at -40 °C
-40 °C to +65 °C	-10 °C to +125 °C	-40 °C to +100 °C	-40 °C to +100 °C	-40 °C to +120 °C
-40 °C to +60 °C	-10 °C to +105 °C	-40 °C to +80 °C	-40 °C to +80 °C	-40 °C to +100 °C
≥ 10 ⁰	≥ 10 ¹⁰	≥ 10 ¹⁰	≥ 10 ¹⁰	≥ 10 ¹⁰
≥ 20	≥ 20	≥ 25	≥ 25	≥ 25
II (self-extinguishing)**	II (self-extinguishing)**	V (burning rate ≤ 100 mm/min)	V (burning rate < 100 mm/min)	II (self-extinguishing)**
no	no	yes	yes	no
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes
improved heat resistance. DIN 40621 VW TL 514	resistant to oil and varnish	Polyurethane elastomer (TPE-U)	Polyurethane elastomer (TPE-U)	Elastomer-modified PP (TPE-V)

4 RAU-PVC INSULATING HOSES

FULL REHAU PRODUCT RANGE



Nominal size (internal diameter x wall thickness/mm) di x s	RAU-PVC 9389	RAU-PVC 9248	RAU-PVC 9148	RAU-PVC 9311	RAU-PVC 8589
0.5 x 0.25	1074630				
0.55 x 0.50			1058010	1059000	
0.85 x 0.50			1058020	1059010	
0.95 x 0.45			1058011		
1.05 x 0.50			1058030	1059030	
1.15 x 0.45			1058001		
1.5 x 0.40	1073040				
1.5 x 0.60			1058040	1059020	
1.75 x 0.60			1058510		
2.0 x 0.40	1073060	1073383			
2.0 x 0.60			1058190	1059040	
2.15 x 0.60			1058050	1059050	
2.4 x 0.60			1058500		
2.5 x 0.40	1073230				
2.7 x 0.60			1058060	1059060	
3.0 x 0.40	1073070	1073212			
3.0 x 0.60			1058070	1059070	
3.4 x 0.60			1058080	1059080	
3.5 x 0.40	1073240	1073593			1073742
3.5 x 0.55	1073083	1073063			
4.0 x 0.50	1073080	1073222			1073503
4.0 x 0.60			1058210	1059090	
4.0 x 0.75	1073263				
4.2 x 0.60			1058090	1059100	
4.5 x 0.50	1073270	1073582			
4.7 x 0.60			1058100	1059110	
5.0 x 0.40	1074410				
5.0 x 0.45					1073642
5.0 x 0.60	1073090	1073232	1058220	1059120	1073412
5.0 x 0.75	1073283	1073703			
5.3 x 0.60			1058110	1059130	
5.5 x 0.60	1073300				
6.0 x 0.50	1073310				
6.0 x 0.60	1073100	1073242	1058330	1059140	1073422
6.0 x 0.75	1073273	1073643			
6.5 x 0.60	1073330				
6.7 x 0.35			1058460		
6.7 x 0.60	1073623		1058120	1059150	

Note: The extended material number applies for all SAP countries: 1 = 1

4 RAU-PVC INSULATING HOSES

FULL REHAU PRODUCT RANGE

Nominal size (internal diameter x wall thickness/mm) di x s	RAU-PVC 9389	RAU-PVC 9248	RAU-PVC 9148	RAU-PVC 9311	RAU-PVC 8589
7.0 x 0.50	1073183				
7.0 x 0.60	1073893		1058370	1059160	1073113
7.0 x 0.70	1073160	1073252			1073432
7.0 x 0.90		1073693			
7.45 x 0.60			1058130	1059170	
7.5 x 0.70	1073360				
8.0 x 0.50	1074570				
8.0 x 0.60			1058490		
8.0 x 0.70	1073110	1073262			1073442
8.4 x 0.60			1058140	1059180	
9.0 x 0.70	1073170	1073272			1073452
9.5 x 0.60			1058150	1059190	
10.0 x 0.70	1073120	1073282			1073013
10.0 x 0.90	1073601				
10.5 x 0.70	1074620				
11.0 x 0.70	1073180	1073292			
11.1 x 0.60			1058160	1059200	
11.25 x 0.85			1058430		
12.0 x 0.50	1073393				
12.0 x 0.80	1073130	1073302			1073753
12.0 x 1.20			1058410		
12.7 x 0.60			1058170	1059210	
13.0 x 0.80	1073460	1073312			1073492
13.0 x 0.90		1073632			
13.0 x 1.00		1073622			
14.0 x 0.75			1058240	1059220	
14.0 x 1.00	1073190	1073322			1073462
14.0 x 1.20					1073592
15.0 x 0.70	1073490				
15.0 x 0.75			1058230	1059230	
15.0 x 0.80	1073500	1073332			
15.0 x 1.00					1073313
15.0 x 1.20					1073522
15.0 x 2.00	1073981				
16.0 x 0.75			1058350		
16.0 x 1.00	1073140	1073342			1073482
17.0 x 1.00	1074280	1073352			1073323
17.0 x 1.20					10073532

Note: The extended material number applies for all SAP countries: 1 = 1

Nominal size (internal diameter x wall thickness/mm) di x s	RAU-PVC 9389	RAU-PVC 9248	RAU-PVC 9148	RAU-PVC 9311	RAU-PVC 8589
18.0 x 1.00	1074300	1073362			1073472
19.0 x 1.00	1074320	1073372			1073003
19.0 x 1.20					1073542
20.0 x 0.80	1073971				
20.0 x 0.85			1058180	1059240	
20.0 x 1.00	1074340				1073602
20.0 x 1.20	1073150	1073382			
21.0 x 1.20	1073041	1073392			1073572
22.0 x 1.00					1073333
22.0 x 1.20	1073200	1073402			1073562
23.0 x 0.85			1058340	1059250	
23.0 x 1.20	1074640	1073502			
24.0 x 1.20	1074360	1073512			
25.0 x 1.20	1074500	1073892			1073882
26.0 x 0.85			1058270	1059260	
26.0 x 1.00					1073343
26.0 x 1.20	1074390	1073762			1073652
27.0 x 1.20	1073101	1073902			
28.0 x 1.00					1073353
28.0 x 1.20	1073111	1073872			1073552
29.0 x 1.20	1073832	1073912			
30.0 x 1.20	1074440	1073922			
32.0 x 1.20	1074680	1073153			
34.0 x 1.20	1073701				
35.0 x 1.20	1073331				
36.0 x 1.50	1073123				
38.0 x 1.20	1073991				
39.0 x 1.20	1073842				
40.0 x 1.40	1073752	1073862			
50.0 x 1.40		1073992			

Note: The extended material number applies for all SAP countries: **1** = 1

5 UNIVERSAL HOSES MADE FROM RAU-PVC 9389 TO DIN 40621



Colour:

RAL 9005 black

Other colours on request.

Delivery time:

All articles in RAL 9005 black are available for immediate delivery ex stock.

Note:

Insulating hoses of nominal size 2.0 x 0.4 to 28.0 x 1.2 mm are delivered filled with air and sealed at the ends.

Filling the hose with air ensures the hose remains largely kink-free whilst on the coil. It should be noted however that deformation of the hose due to the weight of the coil cannot be ruled out following long term storage. This is the result of a reduction in the internal air pressure due to permeation.

Mat.-No.	Nominal size di x s (mm)	Internal Ø di (mm) perm. deviation	Wall thicken. s (mm) perm. deviation	Delivery in coils (m)	Contents/ box	Total quantity/box
1073060	2.0 x 0.4	2.1 + 0.30	0.4 ± 0.10	800	48 coils	38,400 m
1073230	2.5 x 0.4	2.6 + 0.30	0.4 ± 0.10	800	42 coils	33,600 m
1073070	3.0 x 0.4	3.1 + 0.30	0.4 ± 0.10	700	36 coils	25,200 m
1073240	3.5 x 0.4	3.6 + 0.30	0.4 ± 0.10	600	36 coils	21,600 m
1073080	4.0 x 0.5	4.1 + 0.30	0.5 ± 0.15	500	36 coils	18,000 m
1073270	4.5 x 0.5	4.6 + 0.30	0.5 ± 0.15	400	36 coils	14,400 m
1073090	5.0 x 0.6	5.1 + 0.30	0.6 ± 0.15	500	25 coils	12,500 m
1073300	5.5 x 0.6*	5.6 + 0.30	0.6 ± 0.15	500	24 coils	12,000 m
1073100	6.0 x 0.6	6.1 + 0.30	0.6 ± 0.15	400	25 coils	10,000 m
1073330	6.5 x 0.6*	6.6 + 0.30	0.6 ± 0.15	400	20 coils	8,000 m
1073160	7.0 x 0.7	7.1 + 0.30	0.7 ± 0.15	500	6 coils	3,000 m
1073360	7.5 x 0.7*	7.6 + 0.30	0.7 ± 0.15	500	6 coils	3,000 m
1073110	8.0 x 0.7	8.1 + 0.30	0.7 ± 0.15	500	6 coils	3,000 m
1073170	9.0 x 0.7	9.1 + 0.40	0.7 ± 0.15	400	6 coils	2,400 m
1073120	10.0 x 0.7	10.1 + 0.40	0.7 ± 0.15	300	6 coils	1,800 m
1073180	11.0 x 0.7	11.1 + 0.40	0.7 ± 0.15	250	6 coils	1,500 m
1073130	12.0 x 0.8	12.1 + 0.40	0.8 ± 0.15	250	5 coils	1,250 m
1073460	13.0 x 0.8	13.1 + 0.50	0.8 ± 0.20	200	5 coils	1,000 m
1073190	14.0 x 1.0	14.1 + 0.50	1.0 ± 0.20	200	5 coils	1,000 m
1073500	15.0 x 0.8*	15.1 + 0.50	0.8 ± 0.20	150	4 coils	600 m
1073140	16.0 x 1.0	16.1 + 0.60	1.0 ± 0.20	150	4 coils	600 m
1074280	17.0 x 1.0*	17.1 + 0.60	1.0 ± 0.20	150	4 coils	600 m
1074300	18.0 x 1.0	18.1 + 0.60	1.0 ± 0.20	100	4 coils	400 m
1074320	19.0 x 1.0*	19.1 + 0.60	1.0 ± 0.20	100	4 coils	400 m
1073150	20.0 x 1.2	20.1 + 0.60	1.2 ± 0.20	100	4 coils	400 m
1073041	21.0 x 1.2*	21.1 + 0.70	1.2 ± 0.20	75	4 coils	300 m
1073200	22.0 x 1.2	22.1 + 0.70	1.2 ± 0.20	75	4 coils	300 m
1074640	23.0 x 1.2*	23.1 + 0.70	1.2 ± 0.20	75	4 coils	300 m
1074360	24.0 x 1.2*	24.1 + 0.70	1.2 ± 0.20	50	5 coils	250 m
1074500	25.0 x 1.2	25.1 + 0.70	1.2 ± 0.20	50	4 coils	200 m
1074390	26.0 x 1.2*	26.1 + 0.70	1.2 ± 0.20	50	4 coils	200 m
1073101	27.0 x 1.2*	27.1 + 0.80	1.2 ± 0.20	50	4 coils	200 m
1073111	28.0 x 1.2*	28.1 + 0.80	1.2 ± 0.20	50	4 coils	200 m
1073832	29.0 x 1.2*	29.1 + 0.90	1.2 ± 0.20	50	4 coils	200 m
1074440	30.0 x 1.2	30.1 + 0.90	1.2 ± 0.20	50	4 coils	200 m

Box sizes:

For hose 2.0 mm – 4.5 mm: 1,180 x 770 x 870 mm

For hose 5.0 mm – 6.5 mm: 1,180 x 970 x 870 mm

For hose 7.0 mm – 30.0 mm: 780 x 780 x 870 mm

Packing on pallets:

2 boxes stacked and aligned precisely.

Banded 1 x lengthways and 2 x diagonally with non-metallic strapping and sealed with lead.

Note: The extended material number applies for all SAP countries: **1** = 1

6 HEAT RESISTANT HOSES MADE FROM RAU-PVC 9248 TO DIN 40621



Colour:

RAL 9005 black

Other colours on request.

Identification:

With white bordering tape

Delivery time:

The following are available for immediate delivery ex stock:

- All articles in RAL 9005 with white bordering tape and
- Hose dimensions up to an internal diameter 24 mm in RAL 9005 without white bordering tape (Special design)

Filling the hose with air ensures the hose remains largely kink-free whilst on the coil. Deformation of the hose due to the weight of the coil cannot be ruled out following long term storage. This is the result of a reduction in the internal air pressure due to permeation.

Note:

Insulating hoses of nominal size 3.0 x 0.4 to 28.0 x 1.2 mm are delivered filled with air and sealed at the ends.

Mat.-No.	Nominal size di x s (mm)	Internal Ø di (mm) perm. deviation	Wall thicken. s (mm) perm. deviation	Delivery in coils (m)	Contents/ box	Total quantity/box
1073212	3.0 x 0.4	3.1 + 0.30	0.4 ± 0.10	700	36 coils	25,200 m
1073222	4.0 x 0.5	4.1 + 0.30	0.5 ± 0.15	500	36 coils	18,000 m
1073232	5.0 x 0.6	5.1 + 0.30	0.6 ± 0.15	500	25 coils	12,500 m
1073242	6.0 x 0.6	6.1 + 0.30	0.6 ± 0.15	400	25 coils	10,000 m
1073252	7.0 x 0.7	7.1 + 0.30	0.7 ± 0.15	500	6 coils	3,000 m
1073262	8.0 x 0.7	8.1 + 0.30	0.7 ± 0.15	500	6 coils	3,000 m
1073272	9.0 x 0.7	9.1 + 0.40	0.7 ± 0.15	400	6 coils	2,400 m
1073282	10.0 x 0.7	10.1 + 0.40	0.7 ± 0.15	300	6 coils	1,800 m
1073292	11.0 x 0.7	11.1 + 0.40	0.7 ± 0.15	250	6 coils	1,500 m
1073302	12.0 x 0.8	12.1 + 0.40	0.8 ± 0.15	250	5 coils	1,250 m
1073312	13.0 x 0.8	13.1 + 0.50	0.8 ± 0.20	200	5 coils	1,000 m
1073322	14.0 x 1.0	14.1 + 0.50	1.0 ± 0.20	200	5 coils	1,000 m
1073332	15.0 x 0.8*	15.1 + 0.50	0.8 ± 0.20	150	4 coils	600 m
1073342	16.0 x 1.0	16.1 + 0.60	1.0 ± 0.20	150	4 coils	600 m
1073352	17.0 x 1.0*	17.1 + 0.60	1.0 ± 0.20	150	4 coils	600 m
1073362	18.0 x 1.0	18.1 + 0.60	1.0 ± 0.20	100	4 coils	400 m
1073372	19.0 x 1.0*	19.1 + 0.60	1.0 ± 0.20	100	4 coils	400 m
1073382	20.0 x 1.2	20.1 + 0.60	1.2 ± 0.20	100	4 coils	400 m
1073392	21.0 x 1.2*	21.1 + 0.70	1.2 ± 0.20	75	4 coils	300 m
1073402	22.0 x 1.2	22.1 + 0.70	1.2 ± 0.20	75	4 coils	300 m
1073502	23.0 x 1.2*	23.1 + 0.70	1.2 ± 0.20	75	4 coils	300 m
1073512	24.0 x 1.2*	24.1 + 0.70	1.2 ± 0.20	50	5 coils	250 m
1073892	25.0 x 1.2	25.1 + 0.70	1.2 ± 0.20	50	4 coils	200 m
1073762	26.0 x 1.2*	26.1 + 0.70	1.2 ± 0.20	50	4 coils	200 m
1073902	27.0 x 1.2*	27.1 + 0.80	1.2 ± 0.20	50	4 coils	200 m
1073872	28.0 x 1.2*	28.1 + 0.80	1.2 ± 0.20	50	4 coils	200 m
1073912	29.0 x 1.2*	29.1 + 0.90	1.2 ± 0.20	50	4 coils	200 m
1073922	30.0 x 1.2	30.1 + 0.90	1.2 ± 0.20	50	4 coils	200 m

*) Dimensions outside DIN 40621, Sheet 1

Box sizes:

For hose 3.0 mm – 4.0 mm: 1,180 x 770 x 870 mm

For hose 5.0 mm – 6.0 mm: 1,180 x 970 x 870 mm

For hose 7.0 mm – 30.0 mm: 780 x 790 x 870 mm

Packing on pallets:

2 boxes stacked and aligned precisely.

Banded 1 x lengthways and 2 x diagonally with non-metallic strapping and sealed with lead.

Note: The extended material number applies for all SAP countries: **1** = 1

7 COLD RESISTANT HOSES MADE FROM RAU-PVC 8589 TO DIN 40621



Colour:

RAL 9005 black

Other colours on request.

Identification:

With blue bordering tape

Delivery time:

These articles are **not available ex stock**. Delivery time on request.

Note:

Insulating hoses of nominal size 4.0 x 0.50 to 28.0 x 1.2 mm are delivered filled with air and welded.

Filling the hose with air ensures the hose remains largely kink-free whilst on the coil.

Deformation of the hose due to the weight of the coil cannot be ruled out following long term storage. This is the result of a reduction in the internal air pressure due to permeation.

Mat.-No.	Nominal size di x s (mm)	Internal Ø di (mm) permitted deviation	Wall thickness s (mm) permitted deviation	Delivery in coils (m)
1073742	3.5 x 0.40	3.6 + 0.30	0.40 ± 0.10	500
1073503	4.0 x 0.50	4.1 + 0.30	0.50 ± 0.15	500
1073642	5.0 x 0.45*	5.1 + 0.30	0.45 ± 0.10	300
1073412	5.0 x 0.60	5.1 + 0.30	0.60 ± 0.15	500
1073422	6.0 x 0.60	6.1 + 0.30	0.60 ± 0.15	400
1073113	7.0 x 0.60*	7.1 + 0.30	0.60 ± 0.15	250
1073432	7.0 x 0.70	7.1 + 0.30	0.70 ± 0.15	500
1073442	8.0 x 0.70	8.1 + 0.30	0.70 ± 0.15	500
1073452	9.0 x 0.70	9.1 + 0.40	0.70 ± 0.15	400
1073013	10.0 x 0.70	10.1 + 0.40	0.70 ± 0.15	300
1073753	12.0 x 0.80	12.1 + 0.40	0.80 ± 0.15	250
1073492	13.0 x 0.80	13.1 + 0.50	0.80 ± 0.20	200
1073462	14.0 x 1.00	14.1 + 0.50	1.00 ± 0.20	200
1073592	14.0 x 1.20*	14.1 + 0.50	1.20 ± 0.20	150
1073313	15.0 x 1.00*	15.1 + 0.50	1.00 ± 0.20	150
1073522	15.0 x 1.20*	15.1 + 0.50	1.20 ± 0.20	150
1073482	16.0 x 1.00	16.1 + 0.60	1.00 ± 0.20	150
1073323	17.0 x 1.00*	17.1 + 0.60	1.00 ± 0.20	100
1073532	17.0 x 1.20*	17.1 + 0.60	1.20 ± 0.20	100
1073472	18.0 x 1.00	18.1 + 0.60	1.00 ± 0.20	150
1073003	19.0 x 1.00*	19.1 + 0.60	1.00 ± 0.20	100
1073542	19.0 x 1.20*	19.1 + 0.60	1.20 ± 0.20	100
1073602	20.0 x 1.00	20.1 + 0.60	1.00 ± 0.20	100
1073572	21.0 x 1.20*	21.1 + 0.70	1.20 ± 0.20	75
1073333	22.0 x 1.00	22.1 + 0.70	1.00 ± 0.20	100
1073562	22.0 x 1.20	22.1 + 0.70	1.20 ± 0.20	75
1073882	25.0 x 1.20	25.1 + 0.70	1.20 ± 0.20	50
1073343	26.0 x 1.00*	26.1 + 0.70	1.00 ± 0.20	50
1073652	26.0 x 1.20*	26.1 + 0.70	1.20 ± 0.20	50
1073353	28.0 x 1.00*	28.1 + 0.80	1.00 ± 0.20	50
1073552	28.0 x 1.20*	28.1 + 0.80	1.20 ± 0.20	50

*) Dimensions outside DIN 40621, Sheet 1

Note: The extended material number applies for all SAP countries: **1** = 1

8 HEAT RESISTANT HOSES MADE FROM RAU-PVC 9148

RESISTANT TO HEAT TO UL 224 (E 44854)



Colour:

On request.

Delivery time:

These articles are **not available ex stock**. Delivery time on request.

Note:

The hoses are not filled with air.

Packaging:

In boxes

Mat.-No.	Nominal size di x s (mm)	Internal Ø di (mm) permitted deviation	Wall thickness s (mm) permitted deviation	Delivery in coils (m)
1058010	0.55 x 0.50	0.50 + 0.15	0.50 - 0.05	200
1058020	0.85 x 0.50	0.80 + 0.20	0.50 - 0.05	100
1058011	0.95 x 0.45*	0.95 + 0.30	0.45 + 0.04/ - 0.01	200
1058030	1.05 x 0.50	1.15 + 0.30	0.50 + 0.01/ - 0.04	100
1058001	1.15 x 0.45 *	1.15 + 0.30	0.45 + 0.04/ - 0.01	200
1058040	1.50 x 0.60	1.60 + 0.30	0.60 + 0.01/ - 0.04	100
1058510	1.75 x 0.60	1.85 + 0.30	0.60 + 0.01/ - 0.04	200
1058190	2.00 x 0.60*	2.10 + 0.30	0.60 + 0.01/ - 0.04	100
1058050	2.15 x 0.60	2.25 + 0.30	0.60 + 0.01/ - 0.04	100
1058500	2.40 x 0.60	2.50 + 0.30	0.60 + 0.01/ - 0.04	100
1058060	2.70 x 0.60	2.80 + 0.30	0.60 + 0.01/ - 0.04	100
1058070	3.00 x 0.60	3.10 + 0.30	0.60 + 0.01/ - 0.04	100
1058080	3.40 x 0.60	3.50 + 0.30	0.60 + 0.01/ - 0.04	100
1058210	4.00 x 0.60*	4.10 + 0.30	0.60 + 0.01/ - 0.04	100
1058090	4.20 x 0.60	4.30 + 0.30	0.60 + 0.01/ - 0.04	100
1058100	4.70 x 0.60	4.80 + 0.30	0.60 + 0.01/ - 0.04	100
1058220	5.00 x 0.60*	5.10 + 0.30	0.60 + 0.01/ - 0.04	100
1058110	5.30 x 0.60	5.40 + 0.30	0.60 + 0.01/ - 0.04	100
1058330	6.00 x 0.60*	6.10 + 0.30	0.60 + 0.01/ - 0.04	100
1058460	6.70 x 0.35*	6.80 + 0.30	0.35 - 0.05	100
1058120	6.70 x 0.60	6.80 + 0.30	0.60 + 0.01/ - 0.04	100
1058370	7.00 x 0.60*	7.10 + 0.30	0.60 + 0.01/ - 0.04	100
1058130	7.45 x 0.60	7.55 + 0.30	0.60 + 0.01/ - 0.04	100
1058490	8.00 x 0.60	8.10 + 0.30	0.60 + 0.01/ - 0.04	100
1058140	8.40 x 0.60	8.50 + 0.30	0.60 + 0.01/ - 0.04	100
1058150	9.50 x 0.60	9.60 + 0.30	0.60 + 0.01/ - 0.04	100
1058160	11.10 x 0.60	11.20 + 0.40	0.60 + 0.01/ - 0.04	100
1058430	11.25 x 0.85*	11.35 + 0.40	0.85 - 0.15	300
1058410	12.00 x 1.20*	12.10 + 0.40	1.20 - 0.20	200
1058170	12.70 x 0.60	12.80 + 0.50	0.60 + 0.01/ - 0.04	100
1058240	14.00 x 0.75*	14.10 + 0.50	0.75 - 0.06	100
1058230	15.00 x 0.75*	15.10 + 0.50	0.75 - 0.06	100
1058350	16.00 x 0.75*	16.10 + 0.50	0.75 - 0.06	100
1058180	20.00 x 0.85*	20.10 + 0.60	0.85 - 0.08	100
1058340	23.00 x 0.85*	23.10 + 0.60	0.85 - 0.08	100
1058270	26.00 x 0.85*	26.10 + 0.70	0.85 - 0.08	100
1058031	31.80 x 0.95*	31.80 + 1.00	0.95 - 0.09	100

*) Dimensions outside UL224

Note: The extended material number applies for all SAP countries: **1** = 1

9 OIL AND VARNISH RESISTANT HOSES

MADE FROM RAU PVC 9311

RESISTANT TO OIL AND IMPREGNATING VARNISH



Colour:

On request.

Delivery time:

These articles are **not available ex stock**. Delivery time on request.

Note:

The hoses are not filled with air.

Packaging:

In boxes

Mat.-No.	Nominal size di x s (mm)	Internal Ø di (mm) permitted deviation	Wall thickness s (mm) permitted deviation	Delivery in coils (m)
1059000	0.55 x 0.50	0.50 + 0.15	0.50 - 0.05	200
1059010	0.85 x 0.50	0.80 + 0.20	0.50 - 0.05	100
1059030	1.05 x 0.50	1.15 + 0.30	0.50 + 0.01/ - 0.04	100
1059020	1.50 x 0.60	1.60 + 0.30	0.60 + 0.01/ - 0.04	100
1059040	2.00 x 0.60	2.10 + 0.30	0.60 + 0.01/ - 0.04	100
1059050	2.15 x 0.60	2.25 + 0.30	0.60 + 0.01/ - 0.04	100
1059060	2.70 x 0.60	2.80 + 0.40	0.60 + 0.01/ - 0.04	100
1059070	3.00 x 0.60	3.10 + 0.40	0.60 + 0.01/ - 0.04	100
1059080	3.40 x 0.60	3.50 + 0.40	0.60 + 0.01/ - 0.04	100
1059090	4.00 x 0.60	4.10 + 0.30	0.60 + 0.01/ - 0.04	100
1059100	4.20 x 0.60	4.30 + 0.30	0.60 + 0.01/ - 0.04	100
1059110	4.70 x 0.60	4.80 + 0.30	0.60 + 0.01/ - 0.04	100
1059120	5.00 x 0.60	5.10 + 0.30	0.60 + 0.01/ - 0.04	100
1059130	5.30 x 0.60	5.40 + 0.30	0.60 + 0.01/ - 0.04	100
1059140	6.00 x 0.60	6.10 + 0.30	0.60 + 0.01/ - 0.04	100
1059150	6.70 x 0.60	6.80 + 0.30	0.60 + 0.01/ - 0.04	100
1059160	7.00 x 0.60	7.10 + 0.30	0.60 + 0.01/ - 0.04	100
1059170	7.45 x 0.60	7.55 + 0.30	0.60 + 0.01/ - 0.04	100
1059180	8.40 x 0.60	8.50 + 0.30	0.60 + 0.01/ - 0.04	100
1059190	9.50 x 0.60	9.60 + 0.30	0.60 + 0.01/ - 0.04	100
1059200	11.10 x 0.60	11.20 + 0.40	0.60 + 0.01/ - 0.04	100
1059210	12.70 x 0.60	12.80 + 0.50	0.60 + 0.01/ - 0.04	100
1059220	14.00 x 0.75	14.10 + 0.50	0.75 - 0.06	100
1059230	15.00 x 0.75	15.10 + 0.50	0.75 - 0.06	100
1059240	20.00 x 0.85	20.10 + 0.60	0.85 - 0.08	100
1059250	23.00 x 0.85	23.10 + 0.60	0.85 - 0.08	100
1059260	26.00 x 0.85	26.10 + 0.70	0.85 - 0.08	100

Note: The extended material number applies for all SAP countries: **1** = 1

10 ABRASION RESISTANT

MADE FROM RAU-PUR 2610



Colour:

Black 98200

Other colours on request.

Delivery time:

All articles in Black 98200 are available for **immediate delivery ex stock**.

Note:

The hoses are not filled with air.

Packaging:

2 spools in a box.

Mat.-No.	Nominal size (mm)	Internal Ø (mm)		External Ø (mm)		Delivery on spools (m)
		di	perm. dev.	da	perm. dev.	
1874493	2.5	2.5	+ 0.30	3.5	- 0.30	1000
1874792	3.0	3.0	+ 0.30	4.0	- 0.30	1000
1874802	3.5	3.5	+ 0.30	5.7	- 0.30	1000
1874812	4.0	4.0	+ 0.30	5.2	- 0.30	1000
1874822	4.5	4.5	+ 0.30	5.9	- 0.30	1000
1874832	5.0	5.0	+ 0.30	6.4	- 0.30	900
1874842	6.0	6.0	+ 0.30	7.4	- 0.40	650
1874373	6.5	6.5	+ 0.30	8.0	- 0.40	600
1874852	7.0	7.0	+ 0.30	8.5	- 0.40	500
1874862	8.0	8.0	+ 0.30	9.6	- 0.40	400
1874872	8.6	8.6	+ 0.30	10.2	- 0.40	350
1874882	9.0	9.0	+ 0.30	10.6	- 0.40	300
1874892	10.0	10.0	+ 0.30	11.6	- 0.40	250
1874902	11.0	11.0	+ 0.30	13.2	- 0.40	200
1874912	12.0	12.0	+ 0.40	13.8	- 0.40	200
1874932	13.0	13.0	+ 0.40	14.8	- 0.40	150
1874942	14.0	14.0	+ 0.40	16.2	- 0.50	150
1874952	15.0	15.0	+ 0.40	17.2	- 0.50	120
1874962	16.0	16.0	+ 0.40	18.3	- 0.50	110
1874972	18.0	18.0	+ 0.40	20.3	- 0.50	80
1874103	19.0	19.0	+ 0.60	21.3	- 0.60	75
1874982	20.0	20.0	+ 0.60	22.3	- 0.60	75

Note: The extended material number applies for all SAP countries: **1** = 1

11 SPECIALIST HOSES MADE FROM RAU-PE

PERFECT FOR CABLE BUNDLES



Mat.-No.	Internal Ø di (mm)	Wall thickness s (mm)	Pitch (mm)	Delivery on spools (m)
1079430	1.4	0.8	5.5	50*
1079410	4	1	9	50
1079390	10	1.5	13	50
1093529	21.5	1.5	18	50
1094537	9	1.5	10	50
1093519	15	1	15	50

* on request

Colour:

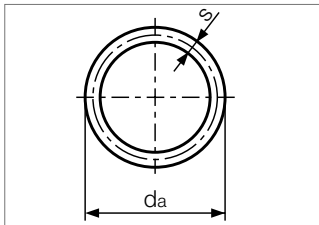
Natural 90001 /
Black 98001

Delivery time:

Immediately ex stock /
*on request

Packaging:

2 spools in a box.



Note: The extended material number applies for all SAP countries: **1** = 1

12 SPECIALIST HOSES FOR EXTREME CONDITIONS

MADE FROM RAU-SIK 8253

RESISTANT TO HIGH TEMPERATURES



Mat.-No.	Nominal size di x s (mm)	Internal Ø di (mm) permitted deviation	Wall thickness s (mm) permitted deviation	Delivery in coils (m)
1800813	5/1	± 0.20	± 0.15	on request
1801083	7/1	± 0.20	± 0.15	on request
1800823	9/1	± 0.20	± 0.15	on request
1800833	11/1	± 0.30	± 0.15	on request
1800843	12/1	± 0.30	± 0.15	on request
1800853	13/1	± 0.30	± 0.15	on request
1800863	14/1	± 0.30	± 0.15	on request

Other dimensions and qualities can be produced on request.

Colours:

Colour no. 13926, yellow

Colour no. 650, black

Other colours on request

Delivery time:

These articles are not available
ex stock.

Delivery time on request.

Note:

For easier processing, e.g.
increasing the sliding capabilities
during insertion, the inside of
these hoses are coated with talc.

Packaging:

Coils in a box.

Note: The extended material number applies for all SAP countries: **1** = 1

SO THAT WE STAY IN TOUCH

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Due to a system conversion to SAP in 2012 our article numbers will change to material numbers.

The previous article numbers will become material numbers with 1 extra digit:

old: 123456 (Article number)

new: 1123456 (Material number)

To illustrate this in the catalogue, we have visually identified the additional digit: **1** = 1, e.g.: **1**123456

Please note that in the system all quotations, order confirmations, dispatch notes and invoices will largely only be issued with the 7-digit number.

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