

Шланги CARL ROTH ROTILABO PE, FER, Flex, PTFE, PVC, Versilic, PharMed, PharMed BPT, TYGON LMT-55, S3 E-3603, VERSILON 2001, E-1000 Ultra-Soft, TYGON 2375, F-4040-A, Viton, Butyl, F-5500-A, ISO-VERSINIC, A-60-G

Технические характеристики

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Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
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Ярославль (4852)69-52-93

Россия (495)268-04-70

Казахстан (772)734-952-31

Киргизия (996)312-96-26-47



Hoses



Tube ROTILABO® PE

ROTH SELECTION. Material: PE.
Hard, odourless.

Technical specifications:

Temperature stability	-40 to +80 °C
Colour	translucent
Hardness	45 Shore D

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1	1,8	0,4	9583.1	25 m	
1	1,8	0,4	9583.2	100 m	
2	4,0	1,0	9584.1	25 m	
2	4,0	1,0	9584.2	100 m	
3	5,0	1,0	9585.1	25 m	
4	6,0	1,0	9586.1	25 m	
5	7,0	1,0	9587.1	25 m	
6	8,0	1,0	9589.1	25 m	
7	9,0	1,0	9591.1	25 m	
8	10,0	1,0	9593.1	25 m	
9	11,0	1,0	9594.1	10 m	
10	12,0	1,0	9595.1	10 m	
12	14,0	1,0	9596.1	10 m	



A 121 °C

Tube ROTILABO® FEP

ROTH SELECTION. Material: FEP. Autoclavable: Yes.
Flexible, non-porous, gas-tight.

Technical specifications:

Temperature stability	-270 to +205 °C
Colour	translucent
Hardness	55–60 Shore D

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
0.8	1,6	0,4	C022.1	10 m	
1.6	3,2	0,8	Y504.1	5 m	
2.0	4,0	1,0	C023.1	10 m	
4.0	6,0	1,0	C024.1	10 m	
4.0	6,4	1,2	Y505.1	5 m	
4.4	6,4	1,0	Y506.1	5 m	
6.0	8,0	1,0	C025.1	5 m	
6.4	9,5	1,6	Y507.1	5 m	
8.0	10,0	1,0	C026.1	5 m	
9.5	12,7	1,6	Y508.1	5 m	
10.0	12,0	1,0	C027.1	5 m	

A 121 °C

Tubing ROTILABO® Flex

ROTH SELECTION. Material: PFA. Autoclavable: Yes.

Chemical-resistant, suitable for vacuum, non-porous. Highly flexible and therefore ideal for narrow spaces and thermal length extensions. For example, the 40 mm-length cylindrical end sections can be joined to connectors. Dimensions apply to end sections.

Technical specifications:

Temperature stability	-270 to +260 °C
Colour	translucent

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
6	8	1	Y484.1	1 m	
8	10	1	Y485.1	1 m	
10	12	1	Y486.1	1 m	
14	16	1	Y487.1	1 m	
16	18	1	Y488.1	1 m	
18	20	1	Y489.1	1 m	

Hoses



A 121 °C

Tube ROTILABO® PTFE

ROTH SELECTION. Material: PTFE opaque PTFE. Autoclavable: Yes. Rigid, anti-adhesive, with low water absorption, chemical-resistant, gas permeable.

Technical specifications:

Temperature stability	-200 to +260 °C
Colour	colourless
Hardness	55 Shore D

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
2	3	0,5	1173.1	5 m	
2	4	1,0	1174.1	5 m	
4	6	1,0	1175.1	5 m	
5	7	1,0	1176.1	5 m	
6	8	1,0	1177.1	5 m	
8	10	1,0	1178.1	5 m	
10	12	1,0	1179.1	5 m	
12	14	1,0	XX06.1	5 m	



Safety gas tubes ROTILABO®

ROTH SELECTION. Material: Chloroprene rubber. For supplying Bunsen burners operated with gas in accordance with DIN 30665. With kink-proof elastic end fittings, suitable for all three gas families in accordance with DVGW worksheet G 260. **Suitable for pressures up to 100 mbar.** DVGW tested and registered.

Technical specifications:

Temperature stability	to +70 °C
Colour	red
Hardness	60 Shore A

Not suitable for connection to gas cylinders.

Ø Internal (mm)	Length (cm)	Art. No.	Pack Qty.	
9	50	1716.1	1 unit(s)	
9	60	A268.1	1 unit(s)	
9	75	1717.1	1 unit(s)	
9	100	1718.1	1 unit(s)	
9	125	A269.1	1 unit(s)	
9	150	1719.1	1 unit(s)	
9	200	A270.1	1 unit(s)	
9	300	A271.1	1 unit(s)	



Gas tubes ROTILABO®

ROTH SELECTION. Material: Chloroprene rubber.

For laboratory gas burners operated with gas in accordance with DIN 30665. Suitable for all three gas families outlined in the G260 worksheet from the German Association for Gas and Water Industries (DVGW). Compliant with DIN 30664 Part 1, without casing and armouring. **Suitable for pressures of up to 100 mbar.** DVGW-tested and registered.

Technical specifications:

Temperature stability	to +70 °C
Colour	red
Hardness	60 Shore A

Not suitable for connection to gas cylinders.

Ø Internal (mm)	Ø ext. (mm)	Art. No.	Pack Qty.	€
9.5	14	E485.1	5 m	54,45



Tube ROTILABO® PVC

ROTH SELECTION. Material: PVC DEHP-free. Flexible.

Technical specifications:

Temperature stability	-20 to +60 °C
Colour	translucent
Hardness	75 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1	1,8	0,4	9724.1	100 m	
2	4,0	1,0	9725.1	100 m	
3	5,0	1,0	9726.1	100 m	
4	7,0	1,5	9727.1	100 m	
5	8,0	1,5	9730.1	100 m	
6	10,0	2,0	9732.1	50 m	
7	11,0	2,0	9733.1	50 m	
8	12,0	2,0	9736.1	50 m	
12	16,0	2,0	XX05.1	50 m	



Hoses



Pressure tubing PVC

Nalgene. Material: PVC with fabric insert.

Can be sterilised by gas or chemicals. Very flexible and easy to bend.
Neutral taste and authorised for the food industry (FDA approval).
Suitable for pressure applications, weak acids, alkalis and salt solutions.
Internal Ø and max. working pressure marked on the tubing.

Technical specifications:

Temperature stability	-21 to +82 °C
Colour	translucent
Hardness	65 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Max. pressure	Art. No.	Pack Qty.	
4.8	9,5	2,4	19 bar (23 °C) 9,5 bar (52 °C)	CA88.1	15 m	
8.0	12,7	2,4	19 bar (23 °C) 9,5 bar (52 °C)	CA90.1	15 m	
9.5	14,3	2,4	17 bar (23 °C) 8,6 bar (52 °C)	CA91.1	15 m	
12.7	19,1	3,2	15,8 bar (23 °C) 7,9 bar (52 °C)	CA92.1	15 m	
15.9	22,2	3,2	15,8 bar (23 °C) 7,9 bar (52 °C)	CA93.1	15 m	
19.1	25,4	3,2	12 bar (23 °C) 6 bar (52 °C)	CA94.1	15 m	
25.4	33,4	4,0	9,6 bar (23 °C) 4,8 bar (52 °C)	CA95.1	15 m	



A 121 °C

Tube ROTILABO® silicone

ROTH SELECTION. Material: Silicone opaque silicone.
Autoclavable: Yes.

Temperature-resistant up to +260 °C for short periods of time

Standard design

Soft, flexible. Suitable for peristaltic pumps.

Technical specifications:

Temperature stability	-60 to +200 °C
Colour	colourless
Hardness	60 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
0.5	2,5	1,0	9554.1	25 m	
1.0	1,8	0,4	9555.1	25 m	
1.0	3,0	1,0	9556.1	25 m	
1.5	3,5	1,0	9557.1	25 m	
2.0	4,0	1,0	9559.1	25 m	
2.0	6,0	2,0	9560.1	25 m	
2.5	4,5	1,0	9561.1	25 m	
3.0	5,0	1,0	9562.1	25 m	
3.0	6,0	1,5	9563.1	25 m	
3.0	7,0	2,0	9565.1	25 m	
4.0	6,0	1,0	9566.1	25 m	
4.0	7,0	1,5	9568.1	25 m	
4.0	8,0	2,0	N874.1	25 m	
4.0	8,0	2,0	N875.1	5 m	
5.0	7,0	1,0	9569.1	25 m	
5.0	8,0	1,5	9571.1	25 m	
6.0	9,0	1,5	9572.1	25 m	
6.0	10,0	2,0	9573.1	10 m	
7.0	10,0	1,5	9574.1	10 m	
7.0	11,0	2,0	9575.1	10 m	
8.0	11,0	1,5	9576.1	10 m	
8.0	12,0	2,0	9577.1	10 m	
9.0	12,0	1,5	9578.1	10 m	
9.0	13,0	2,0	9580.1	10 m	
10.0	14,0	2,0	9581.1	10 m	
12.0	16,0	2,0	T975.1	5 m	
14.0	20,0	3,0	T976.1	5 m	
16.0	21,0	2,5	T977.1	5 m	
18.0	24,0	3,0	T978.1	5 m	
20.0	26,0	3,0	T979.1	5 m	

Hoses

Vacuum design

Thick-walled.

Technical specifications:

Temperature stability	-60 to +180 °C
Colour	colourless
Hardness	55 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
3	9	3	9737.1	5 m	
4	12	4	9738.1	5 m	
5	15	5	9740.1	5 m	
6	12	3	9742.1	5 m	
7	15	4	9744.1	5 m	
8	16	4	9746.1	5 m	
10	20	5	9747.1	5 m	
12	22	5	T980.1	5 m	



A 121 °C

Tube Versilic®

Saint-Gobain. Material: Silicone Peroxide-cured. Autoclavable: Yes.

Temperature-resistant up to +220 °C for short periods of time. Biologically inert (USP XXIII Class 6), no inhibiting effect on cell cultures.

Acc. to the following standards:

- European Pharmacopoeia
- Biological tests by the United States Pharmacopeia Class VI
- Biocompatibility requirements of the ISO 10993 standard (General toxic irritation and sensitisation, cytotoxicity, hemocompatibility)
- FDA
- Manufactured under GMP conditions, ISO 9001 and EN 13485

Technical specifications:

Temperature stability	-50 to +200 °C
Colour	translucent
Hardness	60 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1.0	3,0	1,0	HC61.1	50 m	
2.0	4,0	1,0	HC62.1	50 m	
3.0	5,0	1,0	HC63.1	50 m	
3.0	5,0	1,0	HC63.2	10 m	
3.0	6,0	1,5	HC64.1	50 m	
4.0	6,0	1,0	HC65.1	50 m	
5.0	8,0	1,5	HC66.1	25 m	
6.0	9,0	1,5	HC67.1	25 m	
6.0	12,0	3,0	HC68.1	25 m	
7.0	10,0	1,5	HC69.1	25 m	
8.0	12,0	2,0	HC70.1	25 m	
8.0	12,0	2,0	HC70.2	10 m	
8.0	14,0	3,0	HC71.1	25 m	
10.0	14,0	2,0	HC72.1	25 m	
10.0	18,0	4,0	HC73.1	25 m	



A 121 °C

Tube for peristaltic pumps

ROTH SELECTION. Material: Silicone treated silicone.

Autoclavable: Yes.

Ultra-smooth surface to prevent adhesions, deposits and bacterial growth. Compliant with USP Class VI, Eur. Ph. 6.5: 3.1.9 and FDA regulations 21 CFR 177.2600.

Technical specifications:

Temperature stability	-20 to +80 °C
Colour	translucent
Hardness	60 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
0.5	3,7	1,6	CH23.1	5 m	
0.8	4,0	1,6	CH24.1	5 m	
1.6	4,8	1,6	CH25.1	5 m	
3.2	6,4	1,6	CH26.1	5 m	
4.8	8,0	1,6	CH27.1	5 m	
6.4	9,5	1,6	CH28.1	5 m	
8.0	11,2	1,6	CH29.1	5 m	



Hoses



A 121 °C

Tube PharMed®

Saint-Gobain. Material: TPV. Autoclavable: Yes.

For fermentation processes, cultivation of cell cultures, among other purpose, special tubes for peristaltic pumps. Good chemical resistance. Low gas permeability, good resistance to ageing.

Technical specifications:

Temperature stability	-50 to +135 °C
Colour	natural
Hardness	64 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
0.5	3,7	1,6	Y534.1	7.5 m	
0.8	4,0	1,6	Y535.1	7.5 m	
1.6	4,8	1,6	H191.1	7.5 m	
3.2	6,4	1,6	H192.1	7.5 m	
4.8	8,0	1,6	H193.1	7.5 m	
6.4	9,5	1,6	H194.1	7.5 m	
8.0	11,2	1,6	H195.1	7.5 m	
9.5	15,9	3,2	H196.1	7.5 m	
12.7	19,0	3,2	H197.1	7.5 m	



A 121 °C

Tube TYGON® LMT-55

Saint-Gobain. Material: PVC-based DEHP-free. Autoclavable: Yes.

Smooth, polished inner wall. Good chemical resistance to many inorganic solutions.

Technical specifications:

Temperature stability	-50 to +74 °C
Colour	translucent
Hardness	55 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1.6	3,2	0,8	CAN7.1	15 m	
1.6	4,8	1,6	CAN8.1	15 m	
2.4	5,6	1,6	CAN9.1	15 m	
3.2	6,4	1,6	CAP0.1	15 m	
4.8	7,9	1,6	CAP1.1	15 m	
6.4	9,5	1,6	CAP2.1	15 m	
6.4	11,1	2,4	CAP3.1	15 m	
7.9	11,1	1,6	CAP4.1	15 m	
7.9	12,7	2,4	CAP5.1	15 m	
9.5	12,7	1,6	CAP6.1	15 m	
9.5	15,9	3,2	CAP7.1	15 m	

Hoses



A 121 °C

Tube PharMed® BPT for multichannel pump heads

Saint-Gobain. Material: TPV. Autoclavable: Yes.

With biocompatible fluid surface specially for microbiological applications. Impervious to UV rays and light. Low gas permeability. In accordance with USP Class VI, ISO 10993 and FDA.

With stopper

Two stoppers, stopper gap: 152 mm.

Technical specifications:

Temperature stability	-50 to +135 °C
Colour	natural
Hardness	64 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Length (mm)	Colour coding	Art. No.	Pack Qty.	
0.51	2,31	0,90	381	orange/yellow	CYN7.1	6 unit(s)	
0.76	2,46	0,85	381	black/black	CYN8.1	6 unit(s)	
0.89	2,56	0,85	381	orange/orange	CYN9.1	6 unit(s)	
1.52	3,22	0,85	381	yellow/blue	CYP0.1	6 unit(s)	
2.06	3,76	0,85	381	violet/violet	CYP1.1	6 unit(s)	
2.79	4,49	0,85	381	violet/white	CYP2.1	6 unit(s)	

For extending

Extension tubing for stopper tubing.

Technical specifications:

Temperature stability	-50 to +135 °C
Colour	natural
Hardness	64 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
0.51	2,31	0,90	CYP3.1	3 m	
0.76	2,46	0,85	CYP4.1	3 m	
0.89	2,56	0,85	CYP5.1	3 m	
1.52	3,22	0,85	CYP6.1	3 m	
2.06	3,76	0,85	CYP7.1	3 m	
2.79	4,49	0,85	CYP8.1	3 m	



A 121 °C

Tube TYGON® LMT-55 for multichannel pump heads

Saint-Gobain. Material: PVC-based DEHP-free. Autoclavable: Yes.

Smooth, polished inner wall. Good chemical resistance to many inorganic solutions.

With stopper

Two stoppers, stopper gap: 152 mm.

Technical specifications:

Temperature stability	-50 to +74 °C
Colour	translucent
Hardness	55 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Length (mm)	Colour coding	Art. No.	Pack Qty.	
0.51	2,31	0,90	381	orange/yellow	CYP9.1	12 unit(s)	
0.76	2,46	0,85	381	black/black	CYT0.1	12 unit(s)	
0.89	2,56	0,85	381	orange/orange	CYT1.1	12 unit(s)	
1.52	3,22	0,85	381	yellow/blue	CYT2.1	12 unit(s)	
2.06	3,76	0,85	381	violet/violet	CYT3.1	12 unit(s)	
2.79	4,49	0,85	381	violet/white	CYT4.1	12 unit(s)	

For extending

Extension tubing for stopper tubing.

Technical specifications:

Temperature stability	-50 to +74 °C
Colour	translucent
Hardness	55 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
0.51	2,31	0,90	CYT5.1	10 m	
0.76	2,46	0,85	CYT6.1	10 m	
0.89	2,56	0,85	CYT7.1	10 m	
1.52	3,22	0,85	CYT8.1	10 m	
2.06	3,76	0,85	CYT9.1	10 m	
2.79	4,49	0,85	CYT0.1	10 m	



Hoses



A 121 °C

Tube TYGON® S3™ E-3603

Saint-Gobain. Material: PVC-based DEHP-free. Autoclavable: Yes. FDA-compliant. Very smooth, polished inner wall. Good chemical resistance.

Standard design

For normal laboratory purposes; also suitable for coolers, incubators and peristaltic pumps.

Technical specifications:

Temperature stability	-46 to +74 °C
Colour	translucent
Hardness	56 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1.6	3,2	0,8	YL81.1	15 m	
1.6	4,8	1,6	YL82.1	15 m	
2.4	4,0	0,8	EHE7.1	15 m	
3.2	4,8	0,8	YL83.1	15 m	
3.2	6,4	1,6	YL84.1	15 m	
4.8	6,4	0,8	YL85.1	15 m	
4.8	8,0	1,6	YL86.1	15 m	
6.4	9,5	1,6	YL87.1	15 m	
6.4	11,2	2,4	YL88.1	15 m	
9.5	12,7	1,6	YL89.1	15 m	
9.5	14,3	2,4	YL90.1	15 m	
9.5	15,9	3,2	YL91.1	15 m	
12.7	15,9	1,6	YL92.1	15 m	
12.7	17,5	2,4	YL93.1	15 m	
12.7	19,1	3,2	YL94.1	15 m	
19.0	25,4	3,2	YL95.1	15 m	

Vacuum design

For use with, for example, desiccators, filtration systems and vacuum pumps.

Technical specifications:

Temperature stability	-46 to +74 °C
Colour	translucent
Hardness	56 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
4.8	14,4	4,8	YL96.1	15 m	
6.4	15,9	4,8	YL97.1	15 m	
9.5	22,3	6,4	YL98.1	15 m	
12.7	28,7	8,0	YL99.1	15 m	



A 121 °C

Tube VERSILON™ 2001

Saint-Gobain. Material: TPO. Autoclavable: Yes.

Without plasticisers and oils. Very flexible, very good food chemical resistance, durable. Longer service life when used in peristaltic pumps. In accordance with FDA requirements.

Technical specifications:

Temperature stability	-78 to +57 °C
Colour	translucent
Hardness	69 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1.6	4,8	1,6	EL12.1	15 m	
3.2	6,4	1,6	EL13.1	15 m	
4.8	8,0	1,6	EL14.1	15 m	
6.4	9,5	1,6	EL15.1	15 m	
8.0	11,2	1,6	EL16.1	15 m	
9.5	12,7	1,6	EL17.1	15 m	

Hoses



A 121 °C

Tube TYGON® E-1000 Ultra-Soft

Saint-Gobain. Material: PVC-based DEHP-free. Autoclavable: Yes.

Soft, pliable, stays flexible even at low temperatures (-55 °C). Good alternative to silicone tubing with good chemical resistance. Suitable for general laboratory applications and peristaltic pumps.

Technical specifications:

Temperature stability	-55 to +52 °C
Colour	translucent
Hardness	40 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1.6	4,8	1,6	TP79.1	15 m	
3.2	6,4	1,6	TP80.1	15 m	
4.8	8,0	1,6	TP81.1	15 m	
6.4	9,6	1,6	TP82.1	15 m	
6.4	12,7	3,2	TP83.1	15 m	
8.0	11,2	1,6	TP84.1	15 m	
9.5	12,7	1,6	TP85.1	15 m	
12.7	15,9	1,6	TP86.1	15 m	



Tube TYGON® F-4040-A

Saint-Gobain. Material: TPE.

For conveying petrol, kerosine, fuel oil and glycol-based coolants. No swelling and hardening. Ozone- and UV-resistant.

Technical specifications:

Temperature stability	-34 to +74 °C
Colour	yellow
Hardness	57 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
3.2	6,4	1,6	AEC4.1	15 m	
4.8	8,0	1,6	AEC5.1	15 m	
6.4	9,5	1,6	AEC6.1	15 m	
8.0	11,2	1,6	AEC7.1	15 m	
9.5	12,7	1,6	AEC8.1	15 m	
12.7	15,9	1,6	AEC9.1	15 m	



Tube TYGON® 2375

Saint-Gobain. Material: TPO.

Flexible. Without plasticisers. Suitable for extreme chemical applications. Resists acids, alkalis, ketones (methyl ethyl ketone), salts and alcohols. The smooth inner surface minimises the deposition of particle matter.

Technical specifications:

Temperature stability	-59 to +54 °C
Colour	translucent
Hardness	75 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1.6	4,8	1,6	NA64.1	15 m	
3.2	6,4	1,6	NA65.1	15 m	
4.8	8,0	1,6	NA66.1	15 m	
6.4	9,5	1,6	NA67.1	15 m	
8.0	11,2	1,6	NA68.1	15 m	
9.5	12,7	1,6	NA69.1	15 m	
12.7	19,1	3,2	NA70.1	15 m	



Tube Viton®

ROTH SELECTION. Material: Fluorinated rubber.

Good resistance to ozone and the effects of the weather, as well as gasoline and mineral oils.

Technical specifications:

Temperature stability	-10 to +200 °C
Colour	black
Hardness	75 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
4	6	1,0	EX14.1	5 m	
5	7	1,0	EX15.1	5 m	
6	8	1,0	EX16.1	5 m	
7	9	1,0	EX17.1	5 m	
8	11	1,5	EX18.1	5 m	
9	13	2,0	EX19.1	5 m	
10	14	2,0	EX20.1	5 m	



Hoses



Hose ROTILABO® Butyl

ROTH SELECTION. Material: Butyl rubber (IIR).

Without insert. Approx. 8x less air diffusion than other natural rubber hoses. Good chemical resistance.

Technical specifications:

Temperature stability	-35 to +100 °C
Colour	black
Hardness	60 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
3	7	2	TE85.1	5 m	
6	10	2	TE86.1	5 m	
6	14	4	TE87.1	5 m	



Tube ISO-VERSINIC®

Saint-Gobain. Material: Fluorinated rubber.

Temperature resistant up to +300 °C for short periods of time. Suitable for producing very aggressive chemicals and demanding applications in industry laboratories. Good resistance to hydrocarbons, oils, strong acids, oxidising agents, aromatic and chlorinated solvents. Resistant to ageing and weathering. Flame-resistant.

Technical specifications:

Temperature stability	-20 to +200 °C		
Colour	black		
Hardness	60 Shore A (HC36.1–HC37.1)	70 Shore A (HC38.1–HC42.1)	

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
3.0	5,0	1,0	HC36.1	5 m	
4.0	6,0	1,0	HC37.1	5 m	
5.0	8,0	1,5	HC38.1	5 m	
6.0	9,0	1,5	HC39.1	5 m	
7.0	10,0	1,5	HC40.1	5 m	
8.0	12,0	2,0	HC41.1	5 m	
10.0	14,0	2,0	HC42.1	5 m	



Tube VERSILON™ F-5500-A

Saint-Gobain. Material: Fluorinated rubber.

Excellent resistance to corrosive chemicals, oils, fuels, solvents and most acids. Resistant to ozone, sunlight and weathering, also tear-proof and hard-wearing. Suitable for peristaltic pumps due to their high flexibility and elasticity.

Technical specifications:

Temperature stability	-51 to +204 °C
Colour	black
Hardness	60 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1.6	3,2	0,8	EY77.1	15 m	
3.2	6,4	1,6	EY78.1	15 m	
4.8	8,0	1,6	EY79.1	15 m	
6.4	9,5	1,6	EY80.1	15 m	
8.0	11,2	1,6	EY81.1	15 m	
9.5	12,7	1,6	EY82.1	15 m	



Tube TYGON® A-60-G

Saint-Gobain. Material: TPE.

Suitable for peristaltic pumps, chemical and industrial applications. Ozone-resistant. Long service life, good weather-resistance. Lower gas permeability compared to rubber hoses. Very good resistance to inorganic fluids.

Technical specifications:

Temperature stability	-60 to +135 °C
Colour	black
Hardness	61 Shore A

Ø Internal (mm)	Ø ext. (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
1.6	4,8	1,6	AH61.1	15 m	
3.2	6,4	1,6	AH62.1	15 m	
4.8	8,0	1,6	AH63.1	15 m	
6.4	9,5	1,6	AH64.1	15 m	
6.4	11,2	2,4	AH65.1	15 m	
8.0	11,2	1,6	AH66.1	15 m	
9.5	12,7	1,6	AH67.1	15 m	
11.1	14,3	1,6	AH68.1	15 m	
12.7	17,5	2,4	AH69.1	15 m	

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