

REHAU®

**REHAU beverage tubing
for drinks dispensers**



Product Range T23200 EN

REHAU beverage tubing for drinks dispensers

Look at what REHAU has to offer

For more than 50 years REHAU has been processing polymers for high quality products. REHAU develops, extrudes and moulds. The company also has the capability of treating surfaces and offering high quality finishes. REHAU has always specialised in offering technically complex solutions. Stringent internal manufacturing standards and consistent quality assurance meet and often surpass national standards in the countries in which REHAU products are marketed.

Why not put us to the test.

Legal requirements

The control numbers (SK) issued by the certifying body in Germany for dispensing units ensure that independent test institutes verify that the tubing conforms with technical regulations for drinks dispensers (TRSK) and the legal requirements set out in SchankV. All tubing also fulfils requirements set out by German standards for consumer goods as well as by directive 2002/72/EC.

Warranty

In so far as customer-specific installation criteria, further processing and modification and third influences outside our delivery are given, no warranty is accepted for given material properties.

Customer approval is proof to us of our articles' fitness for the purpose and suitability, which the customer has determined during tests for the specific application.

REHAU's guarantee is restricted to series delivery in line with specification and based on the technical delivery specification (TLV), with reference to the product range brochure T23.200 with relevant current status and on the basis of the REHAU conditions of sale.



Example of article 049402 001:
REHAU TUBALCO SK 017-027 4/2 (5/16" ID) 11 bar 0169



Example of article 049402 001:
REHAU TUBALCO SK 017-027 4/2 (5/16" ID) 11 bar 0242 1 1 1 1 1

REHAU will not accept any guarantees that go over and above this.

Approval is fulfilled with the return of the legally binding, signed technical delivery specification/drawing, placing a production order and approval of our samples.

REHAU reserves the right, as a responsible supplier, to change or modify the products that are the subject of this contract, as part of improvements or further developments and changes, without changing the specification agreed here.

You will receive the technical delivery specification (TLV) from your responsible sales office.

Printing

All REHAU beverage tubing is highly durable and printed with their approval number, dimensions, nominal width for push-fit joints, operating pressure and a production code (see photograph 1).


When used in pythons the tubing is also printed with a number code (photograph 2) which can be used to identify the individual tubing even in poor light.

Cleaning

Once in service the tubing can be cleaned, using standard cleaning materials in accordance with TRSK and SchankV.

We recommend that the tubing is cleaned mechanically and, depending on the amount of use, chemically/mechanically cleaned every one to two months.

REHAU beverage tubing: storage range

Art. No.	Dim. ①	 ②	Max. oper. Pressure ③	Soft drinks	Coca-Cola	Beer/Wine	Spirits	CO ₂ /N ₂	Rolls per box	Qty per pallet
REHAU beverage tubing RAUALCO & TUBALCO										
REHAU-RAUALCO SK 017-029 RAU-PVC 8766										
049153*-001	7/2.50	-	3	+	-	+	-	+	3 x 50 m	4,500 m
049163*-001	10/3.00	-	3	+	-	+	-	+	2 x 50 m	3,000 m
049173 -001	15/3.50	-	2	+	-	+	-	+	2 x 50 m	1,200 m
REHAU-RAUALCO SK 017-029 RAU-PVC 8766 with fibre reinforcement										
049203 -001	7/2.50	-	10	+	-	+	-	+	3 x 50 m	4,500 m
049213 -001	10/3.00	-	10	+	-	+	-	+	2 x 50 m	3,000 m
REHAU-TUBALCO SK 017-027 RAU-PE 940										
049402 -001	4/2.00	5/16"	11	+	+	+	-	+	4 x 100 m	9,600 m
049432 -001	6,8/1.35	3/8"	6	+	+	+	-	+	3 x 100 m	7,200 m
049442*-001	7/2.50	12 mm	8	+	+	+	-	+	2 x 100 m	4,800 m
049452 -001	7/2.85	1/2"	9	+	+	+	-	+	2 x 100 m	4,800 m
049462*-001	10/2.50	15 mm	6	+	+	+	-	+	2 x 100 m	7,200 m
REHAU-TUBALCO SK 017-021 RAU-PE 230										
049013*-001	4/2.00	5/16"	19	+	+	+	-	+	4 x 100 m	9,600 m
049103*-001	6,7/1.40	3/8"	10	+	+	+	-	+	3 x 100 m	7,200 m
049073*-001	10/1.35	1/2"	7	+	+	+	-	+	3 x 100 m	4,800 m
REHAU-TUBALCO SK 017-011 RAU-PA 102										
049362 -001	6/1.00	5/16"	30	+	+	+	-	+	1 x 200 m	2,400 m
049372 -001	7/1.25	3/8"	35	+	+	+	-	+	1 x 200 m	2,400 m
049382 -001	10/1.35	1/2"	20	+	+	+	-	+	1 x 200 m	2,400 m
REHAU cooling tubing RAUCLAIR										
030580 -005	7/2.00								3 x 100 m	7,200 m
030620 -005	8/2.00								4 x 50 m	4,800 m
030720 -007	10/3.00								3 x 50 m	3,600 m

① Internal diameter/wall in mm ② Nominal width push-fit joint ③ Pressure when operating at 20°C

* All articles marked with * have a number code for differentiating them for use in pythons

When delivered as a single tubing with SK number printing, the REHAU tubing meets the Directive 2002/72/EC and the Ordinance on Commodity Goods of 2.12.1997 and supplements with regard to monomers and raw materials used.

All suitability tests have been conducted under normal conditions. Taste may be affected very slightly by varying beverage ingredients, particularly in relation to the time spent and temperatures in the tube. As this cannot be ruled out with absolute certainty, the user is advised to check the suitability of the tube under actual application conditions.

REHAU-RAUALCO SK 017-029 the PVC classic

REHAU beverage tubing RAUALCO SK 017-029 has proved itself over many decades.

REHAU-RAUALCO beverage tubing is also available with fibre reinforcement for applications with a high operating pressure (operating pressure: 10 bar at 20°C).

REHAU-TUBALCO SK 017-027 The flexible polyethylene solution

Alongside its excellent properties in terms of neutral smell and taste, the soft polyethylene RAU-PE 940 is particularly flexible.

REHAU-TUBALCO SK 017-021 pressure resistant solution in polyethylene

For demanding operating conditions where only limited flexibility is required, RAU-PE 20 (MDPE) is just the right material.

REHAU-TUBALCO SK 017-011 The pressure resistant polyamide tubing

A range of thin-walled tubing that is extremely resistant to pressure. RAU-PA 102 (PA 6).

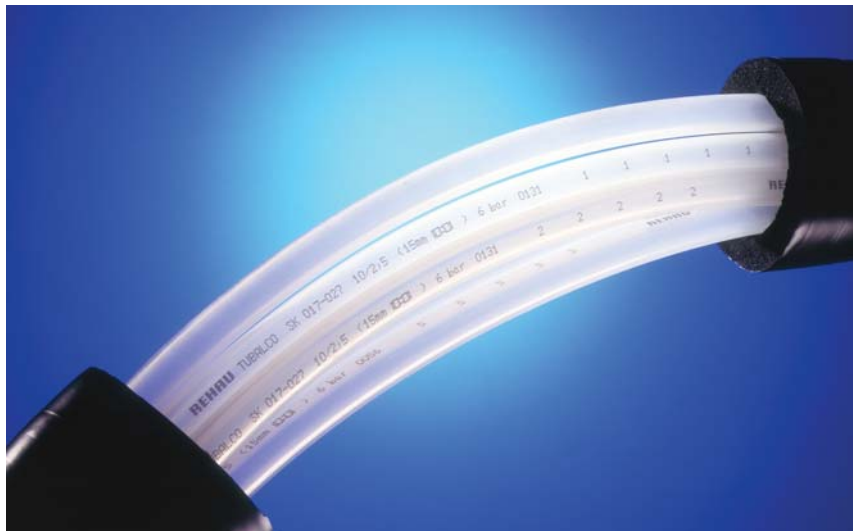
REHAU Pythons

The cool solution for your drinks

The REHAU python is the best solution for dispensers, being able to transport your drinks from the barrel to the tap with no loss of quality. The python is made up of several beverage tubes with at least two additional tubes forming a cooling circuit. The tubes are wrapped together in stretch foil to ensure the best possible cooling effect upon the beverage tubing.

The insulating material is very close to the supply line, and is seamlessly foam-moulded, without any cold bridges. The python is wrapped in a black tape to prevent the insulating material from being damaged and moisture from getting in.

The code numbering (page 2, photo 2) and colour stripes on the beverage tubes facilitate tube connection.



Your individual REHAU python

When used as a tube for spirits, taste may be affected very slightly particularly if different spirits are passed through it. As this cannot be ruled out with absolute certainty, the user must check the suitability of the spirits concerned.

Your individual REHAU python:

As every drinks dispenser is designed differently depending on the prevailing conditions, you can design your own REHAU

python, using the enquiry form on page 5 and fax this back to your nearest sales office.

It's so easy:

1. Let us know your address, date and enquiry number.
2. Please let us have all the important data, such as total quantity, insulation thickness and roll length.
3. Tubing for your python, ie drinks supply line, cooling water supply, CO₂ tubing, can be selected from the REHAU range. (See also page 3). Please note that only tubing articles marked with * are available with number coding. If you wish to use REHAU beverage tubing for the cooling circuit, please indicate this in the field "cooling tubing".
4. Once the enquiry form has been completed and sent off, you will receive a quotation for your particular python design in tried and tested REHAU quality.



REHAU python packaging

REHAU accessories for Pythons

I. REHAU insulation

Fire behaviour:	difficult to ignite according to DIN 102 B1
Thermal conductivity $\lambda_{0^{\circ}\text{C}}$:	≤ 0.040 W/mK, officially tested.
Temperature range:	-40°C to + 105°C
Permeability to water vapour (DIN 52615)	
Diffusion resistance:	$\mu \geq 5.000$
Material:	flexible pipe insulation for cooling and refrigeration made from soft closed cell flexible foam based on synthetic rubber
Colour:	black
Supplied in lengths:	2 metres
Packaging:	in boxes
Minimum order quantity:	1 box

Art. No.	Dimensions (Int. dia. x wall)	Packaging unit No.	metres
240099	6x6	248	496
240109	8x6	216	432
240119	10x6	182	364
240129	12x6	158	316
240139	15x6	133	266
240149	18x6	105	210
240159	22x6	84	168
240169	28x6	56	112
240179	35x6	46	92
240189	6x9	176	352
240199	8x9	150	300
240209	10x9	133	266
240219	12x9	117	234
240229	15x9	96	192
240239	18x9	83	166
240249	22x9	68	136
240259	28x9	49	98
240269	35x9	38	76
240279	42x9	30	60
240289	48x9	25	50
240299	54x9	23	46

Art. No.	Dimensions (Int. dia. x wall)	Packaging unit No.	metres
240309	57x9	21	42
240319	60x9	18	36
240329	64x9	17	34
240339	70x9	16	32
240349	76x9	13	26
240359	80x9	12	24
240369	89x9	10	20
240379	101x9	8	16
240389	108x9	8	16
240399	114x9	8	16
240409	10x13	86	172
240419	12x13	81	162
240429	15x13	68	136
240439	18x13	59	118
240449	22x13	49	98
240459	28x13	39	78
240469	35x13	29	58
240479	42x13	24	48
240489	48x13	20	40
240499	54x13	17	34

Art. No.	Dimensions (Int. dia. x wall)	Packaging unit No.	metres
240509	57x13	16	32
240519	60x13	16	32
240529	64x13	15	30
240539	70x13	12	24
240549	76x13	11	22
240559	80x13	9	18
240569	89x13	9	18
240579	101x13	6	12
240589	108x13	6	12
240599	114x13	5	10
240609	10x19	49	98
240619	12x19	44	88
240629	15x19	39	78
240639	18x19	36	72
240649	22x19	32	64
240659	28x19	24	48
240669	35x19	18	36
240679	42x19	16	32
240689	48x19	12	24
240699	54x19	12	24
240709	57x19	11	22

Art. No.	Dimensions (Int. dia. x wall)	Packaging unit No.	metres
240719	60x19	9	18
240729	64x19	9	18
240739	70x19	7	14
240749	76x19	6	12
240759	80x19	6	12
240769	89x19	6	12
240779	101x19	4	8
240789	108x19	4	8
240799	114x19	4	8
240809	18x25	25	50
240819	22x25	21	42
240829	28x25	20	40
240839	35x25	12	24
240849	42x25	11	22
240859	48x25	9	18
240869	54x25	8	16
240879	60x25	6	12
240889	76x25	5	10
240899	89x25	4	8
240909	114x25	3	6

32 mm insulation available on request

II. REHAU insulation sleeve, article no. 241069

Technical data: Insulating sleeve from foamed rubber in black
 Thickness: 3 mm
 Width: 50 mm
 Roll length: 10 m

Packaging: 10 metre roll in a box, box has 24 m rolls

Minimum order quantity: 1 box (ie 24 rolls)

III. REHAU adhesive tape, article no. 241079

Technical data: Soft PVC adhesive tape, black
 Thickness: 0,12 mm
 Width: 50 mm
 Roll length: 33 m

Packaging: 33 m rolls in box, 24 rolls per box

Minimum order quantity: 1 box

Our verbal and written advice relating to technical applications is based on experience and is to the best of our knowledge correct but is given without obligation. The use of REHAU products in conditions that are beyond our control or for applications other than those specified releases us from any obligation in regard to claims made in respect of the products. We recommend that the suitability of any REHAU product for the intended application should be checked. Utilization and processing of our products are beyond our control and are therefore exclusively your responsibility. In the event that a liability is nevertheless considered, any compensation will be limited to the value of the goods supplied by us and used by you. Our warranty assumes consistent quality of our products in accordance with our specification and in accordance with our general conditions of sale.

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