



Copper Plumbing Tubes

Product Range 2023



SANCO®

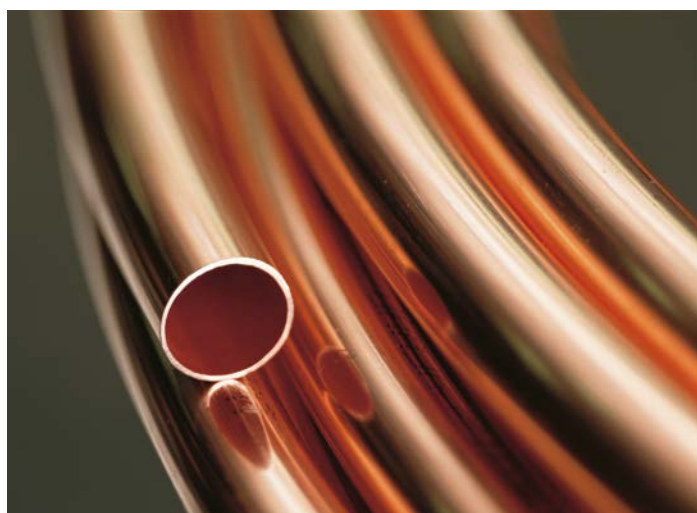
Manufacturing Programme and Technical Data



SANCO® is Europe's No. 1 plain copper plumbing tube and can be used in all areas of domestic plumbing.

- in coils of 25 m and 50 m
- in straight lengths of 5 m

Outer diameter x wall thickness (mm)	Copper Weight (kg/m)	Perm. working pressure* (bar)	Water Volume (l/m)	Availability		
				5m lengths	25m coils	50m coils
6 x 1,0**	0,140	229	0,013	•		•
8 x 1,0**	0,196	163	0,028	•		•
10 x 1,0**	0,252	127	0,050	•		•
12 x 1,0	0,308	104	0,079	•		•
15 x 1,0	0,391	82	0,133	•		•
18 x 1,0	0,475	67	0,201	•	•	
22 x 1,0	0,587	54	0,314	•	•	
28 x 1,0*	0,755	42	0,531	•		
35 x 1,0	0,951	33	0,855	•		
35 x 1,2	1,134	41	0,835	•		
35 x 1,5	1,410	51	0,804	•		
42 x 1,0	1,146	28	1,257	•		
42 x 1,2	1,369	34	1,232	•		
42 x 1,5	1,700	42	1,195	•		
54 x 1,0	1,482	22	2,124	•		
54 x 1,5	2,202	33	2,043	•		
54 x 2,0	2,908	44	1,963	•		
64 x 2,0	3,467	37	2,827	•		
76,1 x 2,0	4,144	31	4,083	•		
88,9 x 2,0	4,859	26	5,661	•		
108 x 2,5	7,374	27	8,332	•		
133 x 3,0	10,904	26	12,668	•		
159 x 3,0	13,085	22	18,385	•		



A close-up photograph of several copper plumbing pipes. The pipes are arranged in a way that creates a sense of depth and perspective, with some in sharp focus and others blurred in the background. The copper has a warm, reddish-orange hue. On the surface of the pipes, there are faint, technical markings and numbers, likely indicating specifications or manufacturing details. The lighting is soft and even, highlighting the metallic texture of the copper.

SANCO® - Domestic copper plumbing pipes

WICU®



The plastic-covered copper tube is designed for all applications in domestic plumbing, especially where good exterior protection is needed.

- in coils of 25 m
- in straight lengths of 5 m

Outer diameter x wall thickness (mm)	Copper Weight (kg/m)	Perm. working pressure* (bar)	Water Volume (l/m)	TOTAL outer diameter (mm)	Availability 5m lengths	25m coils
6 x 1,0**	0,140	229	0,013	9		•
8 x 1,0**	0,196	163	0,028	11		•
10 x 1,0**	0,252	127	0,050	13		•
12 x 1,0	0,308	104	0,079	16	•	•
15 x 1,0	0,391	82	0,133	19	•	•
18 x 1,0	0,475	67	0,201	22	•	•
22 x 1,0	0,587	54	0,314	26	•	•
28 x 1,0	0,755	42	0,531	33	•	
35 x 1,2	1,134	41	0,835	40	•	
42 x 1,2	1,369	35	1,232	48	•	
54 x 1,5	2,202	33	2,043	60	•	

WICU®Flex



The tube is fitted with a flexible PE sheath, which reduces sound transmission as well as condensation and heat losses.

- in coils of 25 m

Outer diameter x wall thickness (mm)	Copper Weight (kg/m)	Perm. working pressure* (bar)	Water Volume (l/m)	TOTAL outer diameter (mm)	Availability 25m coils
12 x 1,0	0,308	90	0,079	24	•
15 x 1,0	0,391	71	0,133	27	•
18 x 1,0	0,475	58	0,201	30	•
22 x 1,0	0,587	47	0,314	34	•



* The max. permissible working pressure was calculated based on annealed copper tubes at $R_m = 200 \text{ N/mm}^2$ and a security value of 4. The max. permissible working pressure applies to the copper tube, not to the tube joints. Other standard specifications on request.

** These sizes are not DVGW-GW 392 approved (technical rules of DVGW).

SANCO® and WICU® are registered trademarks of HME Copper Germany GmbH

The image shows several white, flexible pipes with copper inserts. Some pipes are coiled, while others are straight. The copper inserts are visible at the ends of the pipes, showing a bright orange-red color. The background is a plain, light-colored surface.

WICU® - Copper pipes

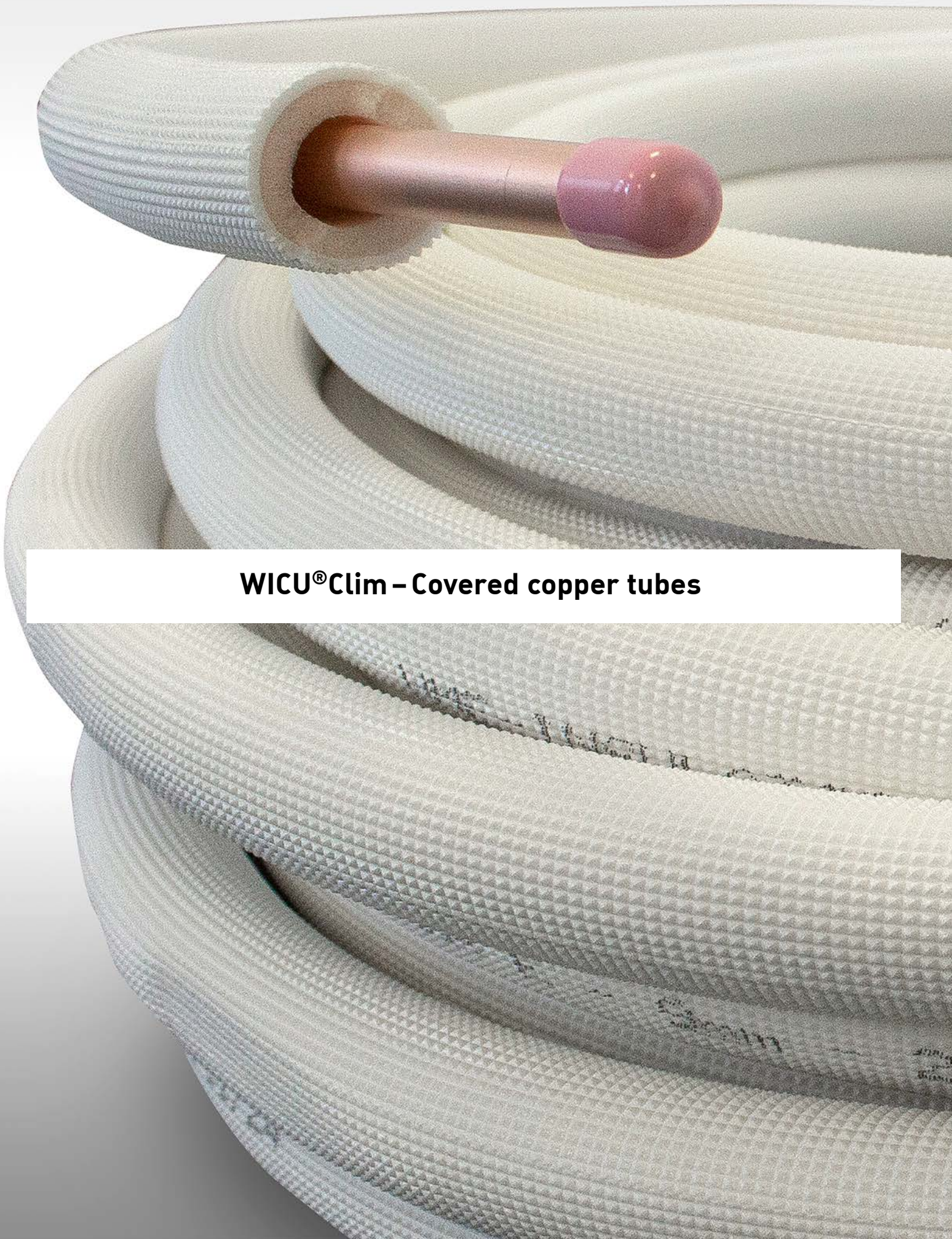


Heat-insulated or cold-insulated copper tube manufactured in inch sizes, in coils of 20, 25 + 50 m

Art.-No.	Dimension (")	Dimension (mm)	Coating	Length of Coil (mm)
7500755	1/4"	6,35x0,8	single	50
7500757	3/8"	9,52x0,8	single	50
7500759	1/2"	12,70x0,8	single	50
7500754	1/4"	6,35x0,8	single	25
7500756	3/8"	9,52x0,8	single	25
7500758	1/2"	12,70x0,8	single	25
7500760	5/8"	15,88x1,0	single	25
7500762	3/4"	19,05x1,0	single	25
7500761	7/8"	22,22x1,0	single	25
7500763	1/4"+3/8"	6,35x0,8 & 9,52x0,8	dual	20
7500764	1/4"+1/2"	6,35x0,8 & 12,7x0,8	dual	20
7500765	1/4"+5/8"	6,35x0,8 & 15,88x1,0	dual	20
7500766	3/8"+5/8"	9,52x0,8 & 15,88x1,0	dual	20

Art.-No.	min. coating thickness (mm)	max. permissible operating pressure (bar)	Water volume (l/m)
7500755	9	171	0,018
7500757	9	109	0,049
7500759	9	80	0,097
7500754	9	171	0,018
7500756	9	109	0,049
7500758	9	80	0,097
7500760	9	77	0,151
7500762	9	62	0,228
7500761	9	53	0,321
7500763	9	171/109	0,018/0,049
7500764	9	171/80	0,018/0,097
7500765	9	171/77	0,018/0,151
7500766	9	109/77	0,049/0,151

The values of the maximum permissible operating pressure always refer to the material R200 and the respective dimension, calculated with a safety factor of 3.0, according to standard EN 14276:2020, which complies with the European directive PED 2014/68/EU (Pressure Equipment Directive). The minus tolerance of the wall thickness is considered. Further processing is not taken into account. Values valid up to 100°C operating temperature. For operating temperatures \uparrow 100°C up to 250°C the operating pressure has to be recalculated.



WICU®Clim – Covered copper tubes

■ HME Copper Germany GmbH

P.O.B 3253
58690 MENDEN
Carl-Benz-Str. 13
58706 MENDEN
GERMANY
Phone +49 2373 161-0
info-industrial-tubes@HMEmetal.com

OFFICE OSNABRÜCK
Rheiner Landstraße 195a
49078 Osnabrück
GERMANY
Phone +49 541 939 336-22
info-rohre@HMEmetal.com

www.HMEmetal.com

■ Sales

Holger Wellmann
Fon +49 541 939 336-30
Holger.Wellmann@HMEmetal.com

Sabine Nikolaus
Phone +49 541 939 336-33
Sabine.Nikolaus@HMEmetal.com

■ Technical Advisory Service

Frank Dettmer
Phone +49 541 939 336-23
Frank.Dettmer@HMEmetal.com

Plumbing Tubes

[EN]

