

SANCO® – plain copper tubes

Standard dimensions mm	Other wall thickness available	Permissible operating pressure bar*	Volume of water l/m	Coils 50 m	Coils 25 m	Straight lengths
6 x 1	●	229	0.013	●		●
8 x 1	●	163	0.028	●		●
10 x 1	●	127	0.050	●		●
12 x 1	●	104	0.079	●		●
15 x 1	●	82	0.133	●		●
18 x 1	●	67	0.201		●	●
22 x 1	●	54	0.314		●	●
28 x 1.5	●	65	0.491			●
35 x 1.5	●	51	0.804			●
42 x 1.5	●	42	1.195			●
54 x 2	●	44	1.963			●
64 x 2		37	2.827			●
76.1 x 2		31	4.083			●
88.9 x 2		26	5.661			●
108 x 2.5		27	8.332			●
133 x 3		26	12.668			●
159 x 3		22	18.385			●
219 x 3		16	35.633			●
267 x 3		13	53.502			●

Further dimensions on request

SANCO® with Kitemark Licence

Dimensions mm	Kitemark Licence	Permissible operating pressure bar*	Volume of water l/m	Coils 50 m	Coils 25 m	Straight lengths
10 x 0.7	●	86	0.058	●		
15 x 1.0	●	82	0.133	●		
15 x 0.7	●	56	0.145			●
22 x 0.9	●	49	0.320			●
28 x 0.9	●	38	0.539			●
35 x 1.0	●	34	0.855			●
42 x 1.0	●	28	1.257			●
54 x 1.0	●	22	2.124			●

WICU® – coated copper tubes

Standard dimensions mm	Total outside diameter mm	Permissible operating pressure bar*	Volume of water l/m	Coils 50 m	Coils 25 m	Straight lengths
8 x 1	12	163	0.028		●	
10 x 1	14	127	0.050	●	●	●
12 x 1	16	104	0.079	●	●	●
15 x 1	19	82	0.133	●	●	●
18 x 1	23	67	0.201	●	●	●
22 x 1	27	54	0.314		●	●
28 x 1.5	33	65	0.491			●
35 x 1.5	40	51	0.804			●
42 x 1.5	48	42	1.195			●
54 x 2	60	44	1.963			●

WICU®Flex – preinsulated copper tubes

Standard dimensions mm	Total outside diameter mm	Permissible operating pressure bar*	Volume of water l/m	Coils 50 m	Coils 25 m	Straight lengths
12 x 1	24	104	0.079	●	●	
15 x 1	27	82	0.133	●	●	
18 x 1	30	67	0.201	●	●	
22 x 1	34	54	0.314		●	

cuprotherm® – underfloor heating system

Tube type	Standard dimensions mm	Weight kg/m	Total outside diameter mm	Permissible operating pressure bar*	Volume of water l/m	Coils 50 m	Coils 25 m	Straight lengths 5 m
cuprotherm®.plus**	10 x 0.6	0.158	14	73	0.061	●		
cuprotherm®.plus**	12 x 0.7	0.221	14	70	0.088	●		
cuprotherm®.plus**	14 x 0.8	0.295	16	69	0.121	●		
cuprotherm®.blank	12 x 0.7	0.221	12	70	0.088	●		
cuprotherm®.blank	14 x 0.8	0.295	14	69	0.121	●		
cuprotherm®.HKA**	12 x 0.7	0.221	16	70	0.088	●		
cuprotherm®.HKA**	15 x 0.8	0.318	19	64	0.141	●		

* The maximum permissible operating pressures shown here were calculated on the basis of soft copper tubes ($R_m = 200 \text{ N/mm}^2$) and a safety factor of 3.5. They apply to the copper tubes and not the joints and apply for temperatures up to 100 °C.

** Plastic coated copper tube