

Updated

29th Feb 2020

Thermal Conductivity Coefficient (W/(m.K)) is 0.034 @20°C. The corresponding R value for

Thermal Conductivity Coefficient (W/(m.K)) is 0.032 @0°C. The corresponding R value for e

Copper Pipe (mm)	Insulation (mm)	R Value (m ² .K/W) (@20°C)	R Value (m ² .K/W) (@0°C)
6.35-9.52	13mm	0.7-0.7	0.8-0.7
6.35-12.70	13mm	0.7-0.6	0.8-0.7
6.35-15.88	13mm	0.7-0.6	0.8-0.6
9.52-15.88	13mm	0.7-0.6	0.7-0.6
9.52-19.05	13mm	0.7-0.6	0.7-0.6
6.35-9.52	19mm	1.2-1.1	1.3-1.2
6.35-12.70	19mm	1.2-1.0	1.3-1.1
6.35-15.88	19mm	1.2-1.0	1.3-1.0
9.52-15.88	19mm	1.1-1.0	1.2-1.0
9.52-19.05	19mm	1.1-0.9	1.2-1.0

Thermal conductivity – measured value (W/(m.K)) at mean temperature				
0°C	10°C	20°C	40°C	60°C
Sheet				
0,0336	0,0341	0,0344	0,0358	0,0373
0,0336	0,0339	0,0343	0,0358	0,0371
Tube				
-	0,0344	0,0345	0,0357	0,0361
-	0,0318	0,0330	0,0335	0,0341

each pipe is as below:

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