

R Values for Polystyrene Products EPS Pipe Insulation

Radial Surface

Copper Pipe Size	Insulation Wall Thickness with Foil Facing					
	25mm wall	38mm wall	50mm wall	63mm wall	75mm wall	100mm wall
15.9mm Id	1.3	2.2	3.2	4.3	5.4	7.8
19.1mm id	1.3	2.2	3.1	4.1	5.2	7.5
25.4mm id	1.1	1.9	2.8	3.7	4.7	6.8
31.8mm id	1.1	1.8	2.6	3.5	4.4	6.4
38.1mm id	1	1.7	2.5	3.3	4.2	6.1
50.4mm id	1	1.6	2.3	3.1	3.9	5.6
63.5mm id	0.9	1.5	2.1	2.9	3.6	5.2
76.1mm id	0.9	1.5	2.1	2.7	3.4	4.9
88.9mm id	0.9	1.4	2	2.6	3.3	4.7
101.6mm id	0.8	1.4	1.9	2.5	3.1	4.6
114.3mm id	0.8	1.3	1.9	2.5	3.1	4.4
127mm id	0.8	1.3	1.9	2.4	3.1	4.4
139.7mm id	0.8	1.3	1.8	2.2	2.7	4.2
152.4mm id	0.8	1	1.8	2.2	2.6	4.1
168.3mm id	0.8	1	1.7	2.2	2.6	4.1
203.2mm id	0.8	1	1.7	2.1	2.6	3.9
219.1mm id	0.8	1	1.7	2.1	2.6	3.8
228.6mm id	0.8	1	1.7	2.1	2.6	3.8
273mm id	0.8	1	1.6	2	2.4	3.6
323.9mm id	0.8	1	1.6	1.9	2.4	3.5

R Values for Polystyrene Products EPS Flat Sheets

Flat Surface

Sheet Thickness	25mm wall	38mm wall	50mm wall	63mm wall	75mm wall	100mm wall
R-Value	0.69	1.06	1.39	1.75	2.08	2.78



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