

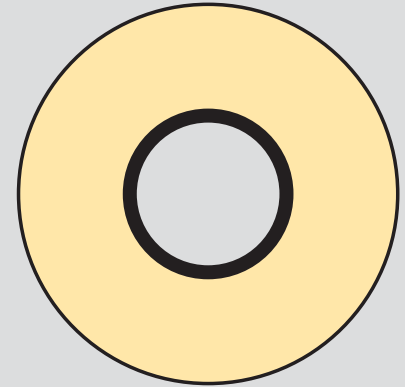
Dimensional Data

Nesting Chart

Knauf 1000° Pipe Insulation

Dimensional Data Nesting Chart

Insulation O.D. Single Layer Dimensional Data												
Iron Pipe Size	Iron Pipe Outside Diameter	Insulation Wall Thickness										
		½"	1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
½"	.840"	1.900	2.820	3.950	4.950	—	—	—	—	—	—	—
¾"	1.050"	2.160	2.820	3.950	4.950	—	—	—	—	—	—	—
1"	1.315"	2.375	3.450	4.450	5.510	—	—	—	—	—	—	—
1¼"	1.660"	2.720	3.450	4.950	5.510	—	—	—	—	—	—	—
1½"	1.900"	2.875	3.950	4.950	6.570	—	—	—	—	—	—	—
2"	2.375"	3.420	4.450	5.510	6.570	7.570	8.570	9.570	10.700	11.750	12.700	13.950
2½"	2.875"	—	4.950	6.570	7.570	8.570	9.570	10.750	11.700	11.750	13.950	15.950
3"	3.500"	—	5.510	6.570	7.570	8.570	9.570	10.700	11.700	12.700	13.950	15.950
3½"	4.000"	—	6.570	7.570	8.570	9.570	10.700	11.700	12.700	12.700	13.950	15.950
4"	4.500"	—	6.570	7.570	8.570	9.570	10.700	11.700	12.700	13.950	14.950	16.950
4½"	5.000"	—	7.570	8.570	9.570	10.700	11.700	12.700	12.700	13.950	14.950	17.000
5"	5.563"	—	7.570	8.570	9.570	10.700	11.700	12.700	13.950	14.950	15.950	18.000
6"	6.625"	—	8.570	9.570	10.700	11.700	12.700	13.950	14.950	15.950	16.950	19.000
7"	7.625"	—	9.570	10.700	11.700	12.700	13.950	14.950	15.950	16.950	17.950	20.000
8"	8.625"	—	10.700	11.700	12.700	13.950	14.950	15.950	16.950	17.950	18.950	21.000
9"	9.625"	—	11.700	12.700	13.950	14.950	15.950	16.950	17.950	18.950	19.950	22.000
10"	10.750"	—	12.700	13.950	14.950	15.950	16.950	17.950	18.950	19.950	20.950	23.000
11"	11.750"	—	13.950	14.950	15.950	16.950	17.950	18.950	19.950	20.950	21.950	24.000
12"	12.750"	—	14.950	15.950	16.950	17.950	18.950	19.950	20.950	21.950	22.950	25.000
14"	14.000"	—	15.950	16.950	17.950	18.950	19.950	20.950	21.950	22.950	23.950	26.000
15"	15.000"	—	16.950	17.950	18.950	19.950	20.950	21.950	22.950	23.950	24.950	27.000
16"	16.000"	—	17.950	18.950	19.950	20.950	21.950	22.950	23.950	24.950	25.950	28.000
17"	17.000"	—	18.950	19.950	20.950	21.950	22.950	23.950	24.950	25.950	26.950	—
18"	18.000"	—	19.950	20.950	21.950	22.950	23.950	24.950	25.950	26.950	27.950	—
19"	19.000"	—	20.950	21.950	22.950	23.950	24.950	25.950	26.950	27.950	—	—
20"	20.000"	—	21.950	22.950	23.950	24.950	25.950	26.950	27.950	—	—	—
21"	21.000"	—	22.950	23.950	24.950	25.950	26.950	27.950	—	—	—	—
22"	22.000"	—	23.950	24.950	25.950	26.950	27.950	—	—	—	—	—
23"	23.000"	—	24.950	25.950	26.950	27.950	—	—	—	—	—	—
24"	24.000"	—	25.950	26.950	27.950	—	—	—	—	—	—	—

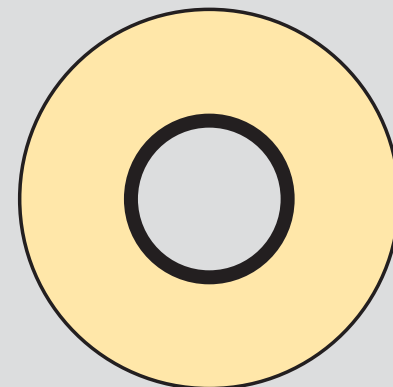


Notes: All Knauf Pipe Insulation complies with ASTM C 585 Dimensional Standards.

Actual Wall Thickness Single Layer Dimensional Data*

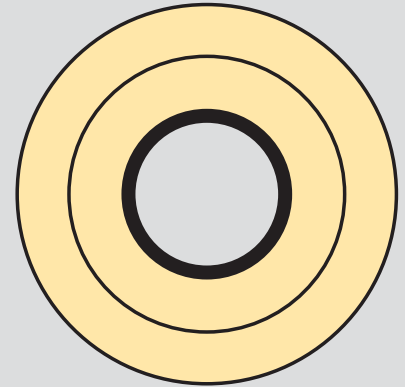
Iron Pipe Size	Iron Pipe Outside Diameter	Insulation Wall Thickness										
		½"	1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
½"	.840"	.485	.945	1.510	2.010	—	—	—	—	—	—	—
¾"	1.050"	.495	.825	1.390	1.890	—	—	—	—	—	—	—
1"	1.315"	.478	1.015	1.515	2.045	—	—	—	—	—	—	—
1¼"	1.660"	.515	.880	1.630	1.910	—	—	—	—	—	—	—
1½"	1.900"	.468	1.005	1.505	2.315	—	—	—	—	—	—	—
2"	2.375"	.460	.975	1.505	2.035	2.535	3.035	3.540	4.100	4.625	5.100	5.730
2½"	2.875"	—	.975	1.785	2.285	2.785	3.285	3.850	4.350	4.375	5.480	6.480
3"	3.500"	—	.965	1.495	1.995	2.495	2.995	3.560	4.060	4.560	5.190	6.190
3½"	4.000"	—	1.225	1.755	2.255	2.755	3.320	3.820	4.320	4.320	4.950	5.950
4"	4.500"	—	1.005	1.505	2.005	2.505	3.070	3.570	4.070	4.695	5.195	6.200
4½"	5.000"	—	1.225	1.755	2.255	2.820	3.320	3.820	3.820	4.445	4.945	5.950
5"	5.563"	—	.950	1.455	1.950	2.515	3.015	3.515	4.140	4.640	5.140	6.140
6"	6.625"	—	.920	1.420	1.985	2.485	2.985	3.610	4.110	4.610	5.110	6.110
7"	7.625"	—	.920	1.485	1.985	2.485	3.110	3.610	4.110	4.610	5.110	6.110
8"	8.625"	—	.970	1.470	1.970	2.595	3.095	3.595	4.095	4.600	5.095	6.100
9"	9.625"	—	.990	1.490	2.115	2.615	3.115	3.615	4.115	4.615	5.115	6.120
10"	10.750"	—	.905	1.530	2.030	2.530	3.030	3.530	4.030	4.545	5.030	6.030
11"	11.750"	—	1.045	1.545	2.045	2.545	3.045	3.545	4.045	4.545	5.045	6.050
12"	12.750"	—	1.035	1.535	2.035	2.535	3.035	3.535	4.035	4.535	5.035	6.040
14"	14.000"	—	.910	1.410	1.910	2.410	2.910	3.410	3.910	4.410	4.910	5.910
15"	15.000"	—	.910	1.410	1.910	2.410	2.910	3.410	3.910	4.410	4.910	5.910
16"	16.000"	—	.910	1.410	1.910	2.410	2.910	3.410	3.910	4.410	4.910	5.910
17"	17.000"	—	.910	1.410	1.910	2.410	2.910	3.410	3.910	4.410	4.910	—
18"	18.000"	—	.910	1.410	1.910	2.410	2.910	3.410	3.910	4.410	4.910	—
19"	19.000"	—	.910	1.410	1.910	2.410	2.910	3.410	3.910	4.410	—	—
20"	20.000"	—	.910	1.410	1.910	2.410	2.910	3.410	3.910	—	—	—
21"	21.000"	—	.910	1.410	1.910	2.410	2.910	3.410	—	—	—	—
22"	22.000"	—	.910	1.410	1.910	2.410	2.910	—	—	—	—	—
23"	23.000"	—	.910	1.410	1.910	2.410	—	—	—	—	—	—
24"	24.000"	—	.910	1.410	1.910	—	—	—	—	—	—	—

Notes: All Knauf Pipe Insulation complies with ASTM C 585 Dimensional Standards.
 *Subject to Knauf tolerances.



Dimensional Data Nesting Chart

Iron Pipe Double Layer Nesting Chart											
Iron Pipe Size	Iron Pipe Outside Diameter	Insulation Wall Thickness									
		1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
½"	.840"	½ x ½ 1½ x ½	½ x ½ 1½ x 1	½ x 1 2½ x 1	½ x 1 2½ x 1½	½ x 1½ 3½ x 1½	½ x 1½ 3½ x 2	½ x 2 4½ x 2	½ x 2 4½ x 2½	½ x 2 4½ x 3	½ x 2 4½ x 4
¾"	1.050"	¾ x ½ 2 x ½	¾ x ½ 2 x 1	¾ x 1 2½ x 1	¾ x 1 2½ x 1½	¾ x 1 2½ x 2	¾ x 1½ 3½ x 2	¾ x 2 4½ x 2	¾ x 2 4½ x 2½	¾ x 2 4½ x 3	¾ x 2 4½ x 4
1"	1.315"	1 x ½ 2 x ½	1 x ½ 2 x 1	1 x 1 3 x 1	1 x 1 3 x 1½	1 x 1 4 x 1½	1 x 1½ 4 x 2	1 x 2 5 x 2	1 x 1½ 4 x 3	1 x 2 5 x 3	1 x 2 5 x 4
1¼"	1.660"	— —	1¼ x ½ 2½ x 1	1¼ x 1 3 x 1	1¼ x 1 3 x 1½	1¼ x 1½ 4½ x 1½	1¼ x 1½ 4½ x 2	1¼ x 2 5 x 2	1¼ x 2 5 x 2½	1¼ x 2 5 x 3	1¼ x 2 5 x 4
1½"	1.900"	— —	1½ x ½ 2½ x 1	1½ x 1 3½ x 1	1½ x 1 3½ x 1½	1½ x 1½ 4½ x 1½	1½ x 1½ 4½ x 2	1½ x 2 6 x 2	1½ x 2 6 x 2½	1½ x 2 6 x 3	1½ x 2 6 x 4
2"	2.375"	— —	2 x ½ 3 x 1	2 x 1 4 x 1	2 x 1 4 x 1½	2 x 1½ 5 x 1½	2 x 2 6 x 1½	2 x 2 6 x 2	2 x 2 6 x 1½	2 x 2 6 x 3	2 x 3 8 x 3
2½"	2.875"	— —	— —	2½ x 1 4½ x 1	2½ x 1 4½ x 1½	2½ x 1½ 6½ x 1½	2½ x 1½ 6 x 2	2½ x 1½ 6 x 2	2½ x 2 7 x 2½	2½ x 2 7 x 3	2½ x 3 9 x 3
3"	3.500"	— —	— —	3 x 1 5 x 1	3 x 1 5 x 1½	3 x 1½ 6 x 1½	3 x 1½ 6 x 2	3 x 1½ 6 x 2½	3 x 2 7 x 2½	3 x 2½ 8 x 2½	3 x 2½ 8 x 3½
3½"	4.000"	— —	— —	3½ x 1 6 x 1	3½ x 1 6 x 1½	3½ x 1½ 7 x 1½	3½ x 1½ 7 x 2	3½ x 2 8 x 2	3½ x 2 8 x 2½	3½ x 2 8 x 3	3½ x 2 8 x 4
4"	4.500"	— —	— —	4 x 1 6 x 1	4 x 1 6 x 1½	4 x 1 6 x 2	4 x 2 8 x 1½	4 x 2 8 x 2	4 x 2 8 x 2½	4 x 2 8 x 3	4 x 3 10 x 3
4½"	5.000"	— —	— —	4½ x 1 7 x 1	4½ x 1½ 8 x 1	4½ x 1½ 8 x 1½	4½ x 1½ 8 x 2	4½ x 1½ 8 x 2½	4½ x 2 9 x 2½	4½ x 2½ 10 x 2½	4½ x 3 11 x 3
5"	5.563"	— —	— —	5 x 1 7 x 1	5 x 1½ 8 x 1	5 x 1½ 8 x 1½	5 x 1½ 8 x 2	5 x 1½ 8 x 2½	5 x 2 9 x 2½	5 x 2½ 10 x 2½	5 x 2½ 10 x 3½
6"	6.625"	— —	— —	6 x 1 8 x 1	6 x 1 8 x 1½	6 x 1 8 x 2	6 x 2 10 x 1½	6 x 2 10 x 2	6 x 2 10 x 2½	6 x 2 10 x 3	6 x 3 12 x 3
7"	7.625"	— —	— —	7 x 1 9 x 1	7 x 1 9 x 1½	7 x 1½ 10 x 1½	7 x 1½ 10 x 2	7 x 2 11 x 2	7 x 2 11 x 2½	7 x 3 14 x 2	7 x 3 14 x 3
8"	8.625"	— —	— —	8 x 1 10 x 1	8 x 1 10 x 1½	8 x 1½ 11 x 1½	8 x 1½ 11 x 2	8 x 2 12 x 2	8 x 2 12 x 2½	8 x 2 12 x 3	8 x 3 15 x 3
9"	9.625"	— —	— —	9 x 1 11 x 1	9 x 1 11 x 1½	9 x 1½ 12 x 1½	9 x 1½ 12 x 2	9 x 2 14 x 2	9 x 2 14 x 2½	9 x 3 16 x 2	9 x 3 16 x 3
10"	10.750"	— —	— —	10 x 1 12 x 1	10 x 1 12 x 1½	10 x 1½ 14 x 1½	10 x 1½ 14 x 2	10 x 2 15 x 2	10 x 2 15 x 2½	10 x 3 15 x 3	10 x 3 17 x 3
11"	11.750"	— —	— —	11 x 1 14 x 1	11 x 1 14 x 1½	11 x 1½ 15 x 1½	11 x 1½ 15 x 2	11 x 2 16 x 2	11 x 2 16 x 2½	11 x 3 18 x 2	11 x 3 18 x 3
12"	12.750"	— —	— —	12 x 1 15 x 1	12 x 1 15 x 1½	12 x 1½ 16 x 1½	12 x 1½ 16 x 2	12 x 2 17 x 2	16 x 2 17 x 2½	12 x 3 19 x 2	12 x 3 19 x 3

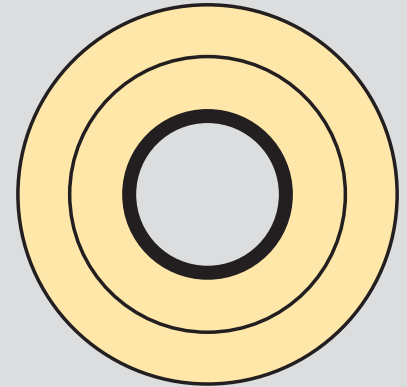


Notes: All Knauf Pipe Insulation complies with ASTM C 585 Dimensional Standards.

These are suggested nesting combinations only. For other combinations choose an iron pipe size that equals the outside diameter of the insulation layer to be covered.

Iron Pipe Double Layer Nesting Chart

Iron Pipe Size	Iron Pipe Outside Diameter	Insulation Wall Thickness									
		1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
14"	14.000"	—	—	14 x 1 16 x 1	14 x 1 16 x 1½	14 x 1½ 17 x 1½	14 x 1½ 17 x 2	14 x 2 18 x 2	14 x 2 18 x 2½	14 x 2 18 x 3	14 x 3 20 x 3
15"	15.000"	—	—	15 x 1 17 x 1	15 x 1 17 x 1½	15 x 1½ 18 x 1½	15 x 1½ 18 x 2	15 x 2 19 x 2	15 x 2 19 x 2½	15 x 3 21 x 2½	15 x 3 21 x 3
16"	16.000"	—	—	16 x 1 18 x 1	16 x 1 18 x 1½	16 x 1½ 19 x 1½	16 x 1½ 19 x 2	16 x 2 20 x 2	16 x 2 20 x 2½	16 x 2 20 x 3	16 x 3 22 x 3
17"	17.000"	—	—	17 x 1 19 x 1	17 x 1 19 x 1½	17 x 1½ 20 x 1½	17 x 1½ 20 x 2	17 x 2 21 x 2	17 x 2 21 x 2½	17 x 3 23 x 2	—
18"	18.000"	—	—	18 x 1 20 x 1	18 x 1 20 x 1½	18 x 1½ 21 x 1½	18 x 1½ 21 x 2	18 x 2 22 x 2	18 x 2 22 x 2½	—	—
19"	19.000"	—	—	19 x 1 21 x 1	19 x 1 21 x 1½	19 x 1½ 22 x 1½	19 x 1½ 22 x 2	19 x 2 23 x 2	19 x 2 23 x 2½	—	—
20"	20.000"	—	—	20 x 1 22 x 1	20 x 1 22 x 1½	20 x 1½ 23 x 1½	20 x 1½ 23 x 2	20 x 2 24 x 2	—	—	—
21"	21.000"	—	—	21 x 1 23 x 1	21 x 1 23 x 1½	21 x 1½ 24 x 1½	21 x 1½ 24 x 2	—	—	—	—
22"	22.000"	—	—	22 x 1 24 x 1	22 x 1 24 x 1½	—	—	—	—	—	—
23"	23.000"	—	—	—	—	—	—	—	—	—	—
24"	24.000"	—	—	—	—	—	—	—	—	—	—



Notes: All Knauf Pipe Insulation complies with ASTM C 585 Dimensional Standards.

These are suggested nesting combinations only. For other combinations choose an iron pipe size that equals the outside diameter of the insulation layer to be covered.

Dimensional Data Nesting Chart

Copper Tube Insulation O.D. Single Layer Dimensional Data

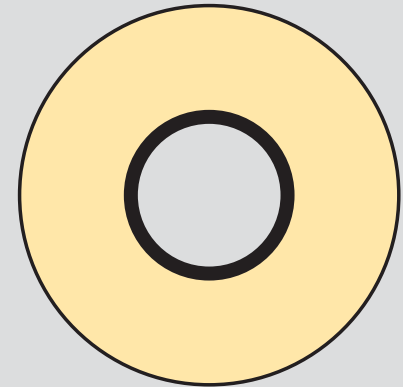
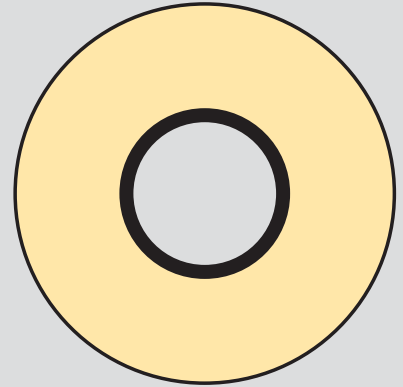
Copper Tube Size	Copper Tube Outside Diameter	Insulation Wall Thickness										
		½"	1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
5/8"	.625"	1.660	2.820	3.450	4.500	—	—	—	—	—	—	—
7/8"	.875"	1.900	2.820	3.950	4.950	—	—	—	—	—	—	—
1 1/8"	1.125"	2.160	2.820	3.950	4.950	—	—	—	—	—	—	—
1 3/8"	1.375"	2.375	3.450	4.450	5.510	—	—	—	—	—	—	—
1 5/8"	1.625"	2.720	3.450	4.950	5.510	—	—	—	—	—	—	—
2 1/8"	2.125"	3.160	3.950	4.950	6.570	7.570	8.570	9.625	10.750	11.750	12.750	15.000
2 5/8"	2.625"	—	4.460	5.510	6.570	7.570	8.570	9.625	10.750	11.750	12.750	15.000
3 1/8"	3.125"	—	4.950	6.570	7.570	8.570	9.570	10.700	10.700	11.700	14.000	16.000
3 5/8"	3.625"	—	5.510	6.570	7.570	8.570	9.570	10.700	11.700	12.700	14.000	16.000
4 1/8"	4.125"	—	6.570	7.570	8.570	9.570	10.700	11.700	11.700	12.700	13.950	17.000
5 1/8"	5.125"	—	7.570	8.570	9.570	10.700	11.700	12.700	12.700	13.950	14.950	18.000
6 1/8"	6.125"	—	8.570	9.570	10.700	11.700	12.700	13.950	13.950	14.950	15.950	19.000

Notes: All Knauf Pipe Insulation complies with ASTM C 585 Dimensional Standards, with the exception of 1 5/8" x 1 1/2" cts.

Copper Tube Actual Wall Thickness Single Layer Dimensional Data*

Copper Tube Size	Copper Tube Outside Diameter	Insulation Wall Thickness										
		½"	1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
5/8"	.625"	.495	1.075	1.390	1.915	—	—	—	—	—	—	—
7/8"	.875"	.485	.945	1.510	2.010	—	—	—	—	—	—	—
1 1/8"	1.125"	.495	.825	1.390	1.890	—	—	—	—	—	—	—
1 3/8"	1.375"	.478	1.015	1.515	2.045	—	—	—	—	—	—	—
1 5/8"	1.625"	.515	.880	1.630	1.910	—	—	—	—	—	—	—
2 1/8"	2.125"	.485	.880	1.380	2.190	2.690	3.190	3.063	4.280	4.780	5.280	6.405
2 5/8"	2.625"	—	.885	1.410	1.940	2.440	2.940	2.813	4.030	4.530	5.030	6.155
3 1/8"	3.125"	—	.880	1.690	2.190	2.690	3.190	3.100	3.755	4.255	5.405	6.405
3 5/8"	3.625"	—	.910	1.440	1.940	2.440	2.940	3.100	4.005	4.505	5.155	6.155
4 1/8"	4.125"	—	1.190	1.690	2.190	2.690	3.255	3.070	3.755	4.255	4.880	6.405
5 1/8"	5.125"	—	1.190	1.690	2.190	2.755	3.255	3.040	3.755	4.380	4.880	6.405
6 1/8"	6.125"	—	1.170	1.670	2.235	2.735	3.235	3.165	3.860	4.360	4.860	6.385

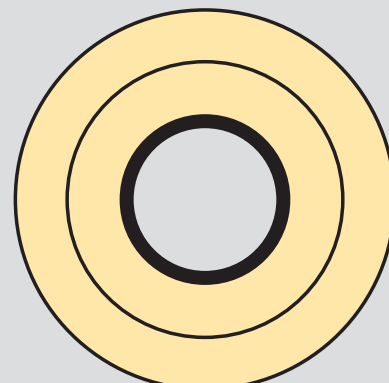
Notes: All Knauf Pipe Insulation complies with ASTM C 585 Dimensional Standards, with the exception of 1 5/8" x 1 1/2" cts.
*Subject to Knauf tolerances.



Copper Tube Double Layer Nesting Chart

Copper Tube Size	Copper Tube Outside Diameter	Insulation Wall Thickness									
		1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
5/8"	.625"	5/8 x 1/2 1½ x 1/2	5/8 x 1/2 1½ x 1	5/8 x 1 2½ x 1	5/8 x 1 2½ x 1½	5/8 x 1½ 3 x 1½	5/8 x 1½ 3 x 2	5/8 x 2 4 x 2	5/8 x 2 4 x 2½	5/8 x 2 4 x 3	5/8 x 2 4 x 4
7/8"	.875"	7/8 x 1/2 1½ x 1/2	7/8 x 1/2 1½ x 1	7/8 x 1 2½ x 1	7/8 x 1 2½ x 1½	7/8 x 1½ 3½ x 1½	7/8 x 1½ 3½ x 2	7/8 x 2 4½ x 2	7/8 x 2 4½ x 2½	7/8 x 2 4½ x 3	7/8 x 2 4½ x 4
1 1/8"	1.125"	1 1/8 x 1/2 2 x 1/2	1 1/8 x 1/2 2 x 1	1 1/8 x 1 2½ x 1	1 1/8 x 1 2½ x 1½	1 1/8 x 1½ 3½ x 1½	1 1/8 x 1½ 3½ x 2	1 1/8 x 2 4½ x 2	1 1/8 x 2 4½ x 2½	1 1/8 x 2 4½ x 3	1 1/8 x 2 4½ x 4
1 3/8"	1.375"	1 3/8 x 1/2 2 x 1/2	1 3/8 x 1/2 2 x 1	1 3/8 x 1 3 x 1	1 3/8 x 1 3 x 1½	1 3/8 x 1½ 4 x 1½	1 3/8 x 1½ 4 x 2	1 3/8 x 2 5 x 2	1 3/8 x 2 5 x 2½	1 3/8 x 2 5 x 3	1 3/8 x 2 5 x 4
1 5/8"	1.625"	— —	1 5/8 x 1/2 2½ x 1	1 5/8 x 1 3 x 1	1 5/8 x 1 3 x 1½	1 5/8 x 1½ 4½ x 1½	1 5/8 x 1½ 4½ x 2	1 5/8 x 2 5 x 2	1 5/8 x 2 5 x 2½	1 5/8 x 2 5 x 3	1 5/8 x 2 5 x 4
2 1/8"	2.125"	— —	2 1/8 x 1/2 3 x 1	2 1/8 x 1 3½ x 1	2 1/8 x 1 3½ x 1½	2 1/8 x 1½ 4½ x 1½	2 1/8 x 1½ 4½ x 2	2 1/8 x 2 6 x 2	2 1/8 x 2 6 x 2½	2 1/8 x 2 6 x 3	2 1/8 x 3 8 x 3
2 5/8"	2.625"	— —	— —	2 5/8 x 1 4 x 1	2 5/8 x 1 4 x 1½	2 5/8 x 1½ 5 x 1½	2 5/8 x 1½ 5 x 2	2 5/8 x 2 6 x 2	2 5/8 x 2 6 x 2½	2 5/8 x 2 6 x 3	2 5/8 x 3 8 x 3
3 1/8"	3.125"	— —	— —	3 1/8 x 1 4½ x 1	3 1/8 x 1 4½ x 1½	3 1/8 x 1½ 6 x 1½	3 1/8 x 1½ 6 x 2	3 1/8 x 2 6 x 2½	3 1/8 x 2 6 x 3	3 1/8 x 2½ 8 x 2½	3 1/8 x 2½ 8 x 3½
3 5/8"	3.625"	— —	— —	3 5/8 x 1 5 x 1	3 5/8 x 1 5 x 1½	3 5/8 x 1½ 6 x 1½	3 5/8 x 1½ 6 x 2	3 5/8 x 2 6 x 2½	3 5/8 x 2 6 x 3	3 5/8 x 2½ 8 x 2½	3 5/8 x 2½ 8 x 3½
4 1/8"	4.125"	— —	— —	4 1/8 x 1 6 x 1	4 1/8 x 1 6 x 1½	4 1/8 x 1½ 6 x 2	4 1/8 x 2 8 x 1½	4 1/8 x 2 8 x 2	4 1/8 x 2 8 x 2½	4 1/8 x 2 8 x 3	4 1/8 x 3 10 x 3
5 1/8"	5.125"	— —	— —	5 1/8 x 1 7 x 1	5 1/8 x 1 7 x 1½	5 1/8 x 1½ 8 x 1½	5 1/8 x 1½ 8 x 2	5 1/8 x 2 8 x 2½	5 1/8 x 2 8 x 3	5 1/8 x 2½ 10 x 2½	5 1/8 x 3 11 x 3
6 1/8"	6.125"	— —	— —	6 1/8 x 1 8 x 1	6 1/8 x 1 8 x 1½	6 1/8 x 1½ 8 x 2	6 1/8 x 2 10 x 2	6 1/8 x 2 10 x 2	6 1/8 x 2 10 x 2½	6 1/8 x 2 10 x 3	6 1/8 x 3 12 x 3

Notes: All Knauf Pipe Insulation complies with ASTM C 585 Dimensional Standards. These are suggested nesting combinations only. For other combinations choose a copper pipe size that equals the outside diameter of the insulation layer to be covered.



**Proto PVC Fitting Cover Sizing Table
Copper Tube Table**

Copper Tube Size	Copper Tube Outside Diameter	Insulation Wall Thickness							
		½"	1"	1½"	2"	2½"	3"	3½"	4"
5/8"	.625"	2	7	9	11	13	15	—	—
7/8"	.875"	3	7	10	12	15	17	18	19
1 1/8"	1.125"	4	7	10	12	15	17	18	19
1 3/8"	1.375"	5	9	11	13	15	17	18	19
1 5/8"	1.625"	6	9	11	13	15	17	18	19
2 1/8"	2.125"	8	10	12	15	17	18	19	20
2 5/8"	2.625"	—	11	13	15	17	18	19	20
3 1/8"	3.125"	—	12	15	17	18	19	20	21
3 5/8"	3.625"	—	13	15	17	18	19	20	21
4 1/8"	4.125"	—	15	17	18	19	20	21	22
5 1/8"	5.125"	—	17	18	19	20	21	22	23
6 1/8"	6.125"	—	18	19	20	21	22	23	24

* Proto PVC Fitting Covers comply to ASTM C 585 Dimensional Standards. The above are combination sizes that fit short and long radius screwed and welded elbows, long radius welded elbows, and screwed or welded tees. Fitting sizes below heavy line will not fit 90° long radius elbows properly. Order fitting covers for these long radius 90° sizes by specific iron pipe size and Knauf Pipe Insulation thickness.

Knauf Insulation GmbH
One Knauf Drive
Shelbyville, IN 46176

Sales and Marketing (800) 825-4434, ext. 8283

Technical Support (800) 825-4434, ext. 8212

Customer Service (866) 445-2365

Fax (317) 398-3675

World Wide Web www.KnaufInsulation.com

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Proto PVC Fitting Cover Sizing Table
Iron Pipe Table Combination Short and Long Radius Fitting Covers

Iron Pipe Size	Iron Pipe Outside Diameter	Insulation Wall Thickness							
		½"	1"	1½"	2"	2½"	3"	3½"	4"
½"	.840"	3	7	10	12	15	17	18	19
¾"	1.050"	4	7	10	12	15	17	18	19
1"	1.315"	5	9	11	13	15	17	18	19
1¼"	1.660"	6	9	12	13	15	17	18	19
1½"	1.900"	7	10	12	15	17	18	19	20
2"	2.375"	9	11	13	15	17	18	19	20
2½"	2.875"	—	12	15	17	18	19	20	21
3"	3.500"	—	13	15	17	18	19	20	21
3½"	4.000"	—	15	17	18	19	20	21	22
4"	4.500"	—	15	17	18	19	20	21	22
5"	5.563"	—	17	18	19	20	21	22	23
6"	6.625"	—	18	19	20	21	22	23	24
8"	8.625"	—	20	21	22	23	24	25	26
10"	10.750"	—	22	23	24	25	26	27	28
12"	12.750"	—	24	25	26	27	28	29	30
14"	14.000"	—	25	26	27	28	29	30	31
16"	16.000"	—	—	28	29	30	31	32	33
18"	18.000"	—	29	30	31	32	33	34	35
20"	20.000"	—	31	32	33	34	35	36	37
22"	22.000"	—	33	34	35	36	37	38	39
24"	24.000"	—	35	36	37	38	39	40	41

* Proto PVC Fitting Covers comply to ASTM C 585 Dimensional Standards. The above are combination sizes that fit short and long radius screwed and welded elbows, long radius welded elbows, and screwed or welded tees. Fitting sizes below heavy line will not fit 90° long radius elbows properly. Order fitting covers for these long radius 90° sizes by specific iron pipe size and Knauf Pipe Insulation thickness.