

3/8" Walls												
Item	Nom Pipe Size	Pipe OD	Insulation ID			Insulation Wall			Calculated OD			R Value
			Min	Targ	Max	Min	Targ	Max	Min	Targ	Max	
IPPFT01438	1/8" Copper	0.250	0.290	0.325	0.360	0.300	0.363	0.425	0.890	1.050	1.210	2.8
IPPFT03838	1/4" Copper	0.375	0.420	0.460	0.500	0.300	0.363	0.425	1.020	1.185	1.350	2.5
IPPFT01238	3/8" Copper	0.500	0.560	0.600	0.640	0.300	0.363	0.425	1.160	1.325	1.490	2.4
IPPFT05838	1/2" Copper	0.625	0.710	0.750	0.790	0.300	0.363	0.425	1.310	1.475	1.640	2.3
IPPFT03438	5/8" Copper	0.750	0.810	0.860	0.910	0.300	0.363	0.425	1.410	1.585	1.760	2.2
IPPFT07838	3/4" Copper	0.875	0.940	0.995	1.050	0.300	0.363	0.425	1.540	1.720	1.900	2.2
IPPFT11838	1" Copper	1.125	1.200	1.255	1.310	0.300	0.363	0.425	1.800	1.980	2.160	2.1
IPPFT13838	1-1/4" Copper	1.375	1.450	1.510	1.570	0.300	0.363	0.425	2.050	2.235	2.420	2.0
IPPFT15838	1-1/2" Copper	1.625	1.710	1.770	1.830	0.350	0.413	0.475	2.410	2.595	2.780	2.2
IPPFT21838	2" Copper	2.125	2.220	2.280	2.340	0.350	0.413	0.475	2.920	3.105	3.290	2.2
1/2" Walls												
Item	Nom Pipe Size	Pipe OD	Insulation ID			Insulation Wall			Calculated OD			R Value
			Min	Targ	Max	Min	Targ	Max	Min	Targ	Max	
IPPFT03812	1/4" Copper	0.375	0.420	0.460	0.500	0.360	0.423	0.485	1.140	1.305	1.470	3.0
IPPFT01212	3/8" Copper	0.500	0.560	0.600	0.640	0.380	0.443	0.505	1.320	1.485	1.650	3.0
IPPFT05812	1/2" Copper	0.625	0.710	0.750	0.790	0.400	0.463	0.525	1.510	1.675	1.840	3.1
IPPFT03412	5/8" Copper	0.750	0.810	0.860	0.910	0.420	0.483	0.545	1.650	1.825	2.000	3.0
IPPFT07812	3/4" Copper	0.875	0.940	0.995	1.050	0.430	0.493	0.555	1.800	1.980	2.160	3.0
IPPFT11812	1" Copper	1.125	1.200	1.255	1.310	0.450	0.513	0.575	2.100	2.280	2.460	3.0
IPPFT13812	1-1/4" Copper	1.375	1.450	1.510	1.570	0.460	0.523	0.585	2.370	2.555	2.740	2.9
IPPFT15812	1-1/2" Copper	1.625	1.710	1.770	1.830	0.470	0.533	0.595	2.650	2.835	3.020	2.9
IPPFT21812	2" Copper	2.125	2.220	2.280	2.340	0.490	0.553	0.615	3.200	3.385	3.570	2.9
3/4" Walls												
Item	Nom Pipe Size	Pipe OD	Insulation ID			Insulation Wall			Calculated OD			R Value
			Min	Targ	Max	Min	Targ	Max	Min	Targ	Max	
IPPFT03834	1/4" Copper	0.375	0.420	0.460	0.500	0.620	0.683	0.745	1.660	1.825	1.990	5.3
IPPFT01234	3/8" Copper	0.500	0.560	0.600	0.640	0.620	0.683	0.745	1.800	1.965	2.130	5.0
IPPFT05834	1/2" Copper	0.625	0.710	0.750	0.790	0.660	0.723	0.785	2.030	2.195	2.360	5.1
IPPFT03434	5/8" Copper	0.750	0.810	0.860	0.910	0.680	0.743	0.805	2.170	2.345	2.520	5.0
IPPFT07834	3/4" Copper	0.875	0.940	0.995	1.050	0.700	0.763	0.825	2.340	2.520	2.700	4.9
IPPFT11834	1" Copper	1.125	1.200	1.255	1.310	0.740	0.803	0.865	2.680	2.860	3.040	4.9
IPPFT13834	1-1/4" Copper	1.375	1.450	1.510	1.570	0.750	0.813	0.875	2.950	3.135	3.320	4.8
IPPFT15834	1-1/2" Copper	1.625	1.710	1.770	1.830	0.750	0.813	0.875	3.210	3.395	3.580	4.6
IPPFT21834	2" Copper	2.125	2.220	2.280	2.340	0.750	0.813	0.875	3.720	3.905	4.090	4.4
1" Walls												
Item	Nom Pipe Size	Pipe OD	Insulation ID			Insulation Wall			Calculated OD			R Value
			Min	Targ	Max	Min	Targ	Max	Min	Targ	Max	
IPPFT05810	1/2" Copper	0.625	0.710	0.750	0.790	0.830	0.893	0.955	2.370	2.535	2.700	6.6
IPPFT03410	5/8" Copper	0.750	0.810	0.860	0.910	0.850	0.913	0.975	2.510	2.685	2.860	6.3
IPPFT07810	3/4" Copper	0.875	0.940	0.995	1.050	0.880	0.943	1.005	2.700	2.880	3.060	6.4
IPPFT11810	1" Copper	1.125	1.200	1.255	1.310	0.920	1.013	1.105	3.040	3.280	3.520	6.5
IPPFT13810	1-1/4" Copper	1.375	1.450	1.510	1.570	0.970	1.063	1.155	3.390	3.635	3.880	6.5
IPPFT15810	1-1/2" Copper	1.625	1.710	1.770	1.830	1.000	1.093	1.185	3.710	3.955	4.200	6.5
IPPFT21810	2" Copper	2.125	2.220	2.280	2.340	1.000	1.093	1.185	4.220	4.465	4.710	6.1

\*These specifications are based on the measurement methods employed by Armacell. Other methods may not result in the same values and cannot be used to determine if the product is within the given tolerance.