



Sales Tolerances for UT Solaflex*

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	
IPUTT01412	3/16" Copper	0.250	0.310	0.345	0.380	0.360	0.423	0.485	1.030	1.190	1.350	3.3
IPUTT03812	1/4" Copper	0.375	0.440	0.480	0.520	0.360	0.423	0.485	1.160	1.325	1.490	3.0
IPUTT01212	3/8" Copper	0.500	0.560	0.600	0.640	0.380	0.443	0.505	1.320	1.485	1.650	2.9
IPUTT05812	1/2" Copper	0.625	0.710	0.750	0.790	0.400	0.463	0.525	1.510	1.675	1.840	2.9
IPUTT03412	5/8" Copper	0.750	0.810	0.860	0.910	0.420	0.483	0.545	1.650	1.825	2.000	2.9
IPUTT07812	3/4" Copper	0.875	0.940	0.995	1.050	0.430	0.493	0.555	1.800	1.980	2.160	2.9
IPUTT11812	1" Copper	1.125	1.200	1.255	1.310	0.450	0.513	0.575	2.100	2.280	2.460	2.9
IPUTT13812	1-1/4" Copper	1.375	1.450	1.510	1.570	0.460	0.523	0.585	2.370	2.555	2.740	2.8
IPUTT15812	1-1/2" Copper	1.625	1.710	1.770	1.830	0.470	0.533	0.595	2.650	2.835	3.020	2.8
IPUTT11012	1 1/2" IPS	1.900	1.970	2.030	2.090	0.480	0.543	0.605	2.930	3.115	3.300	2.7
IPUTT21812	2" Copper	2.125	2.220	2.280	2.340	0.490	0.553	0.615	3.200	3.385	3.570	2.8
IPUTT20012	2" IPS	2.375	2.470	2.540	2.610	0.500	0.563	0.625	3.470	3.665	3.860	2.8
IPUTT25812	2-1/2" Copper	2.625	2.720	2.800	2.880	0.500	0.563	0.625	3.720	3.925	4.130	2.8
IPUTT21012	2-1/2" IPS	2.875	2.980	3.060	3.140	0.500	0.563	0.625	3.980	4.185	4.390	2.8
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	
IPUTT01434	3/16" Copper	0.250	0.310	0.345	0.385	0.590	0.653	0.715	1.490	1.650	1.815	5.6
IPUTT03834	1/4" Copper	0.375	0.440	0.480	0.520	0.590	0.653	0.715	1.620	1.785	1.950	5.0
IPUTT01234	3/8" Copper	0.500	0.560	0.600	0.640	0.620	0.683	0.745	1.800	1.965	2.130	4.8
IPUTT05834	1/2" Copper	0.625	0.710	0.750	0.790	0.660	0.723	0.785	2.030	2.195	2.360	4.9
IPUTT03434	5/8" Copper	0.750	0.810	0.860	0.910	0.680	0.743	0.805	2.170	2.345	2.520	4.8
IPUTT07834	3/4" Copper	0.875	0.940	0.995	1.050	0.700	0.763	0.825	2.340	2.520	2.700	4.8
IPUTT11834	1" Copper	1.125	1.200	1.255	1.310	0.740	0.803	0.865	2.680	2.860	3.040	4.8
IPUTT13834	1-1/4" Copper	1.375	1.450	1.510	1.570	0.750	0.813	0.875	2.950	3.135	3.320	4.6
IPUTT15834	1-1/2" Copper	1.625	1.710	1.770	1.830	0.750	0.813	0.875	3.210	3.395	3.580	4.5
IPUTT11034	1 1/2" IPS	1.900	1.970	2.030	2.090	0.750	0.813	0.875	3.470	3.655	3.840	4.3
IPUTT21834	2" Copper	2.125	2.220	2.280	2.340	0.750	0.813	0.875	3.720	3.905	4.090	4.2
IPUTT20034	2" IPS	2.375	2.470	2.540	2.610	0.750	0.813	0.875	3.970	4.165	4.360	4.2
IPUTT25834	2-1/2" Copper	2.625	2.720	2.800	2.880	0.750	0.813	0.875	4.220	4.425	4.630	4.1
IPUTT21034	2-1/2" IPS	2.875	2.980	3.060	3.140	0.750	0.813	0.875	4.480	4.685	4.890	4.1
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	
IPUTT01410	3/16" Copper	0.250	0.310	0.345	0.385	0.750	0.813	0.875	1.810	1.970	2.135	7.3
IPUTT03810	1/4" Copper	0.375	0.440	0.480	0.520	0.750	0.813	0.875	1.940	2.105	2.270	6.5
IPUTT01210	3/8" Copper	0.500	0.560	0.600	0.640	0.790	0.853	0.915	2.140	2.305	2.470	6.3
IPUTT05810	1/2" Copper	0.625	0.710	0.750	0.790	0.830	0.893	0.955	2.370	2.535	2.700	6.3
IPUTT03410	5/8" Copper	0.750	0.810	0.860	0.910	0.850	0.913	0.975	2.510	2.685	2.860	6.1
IPUTT07810	3/4" Copper	0.875	0.940	0.995	1.050	0.880	0.943	1.005	2.700	2.880	3.060	6.1
IPUTT11810	1" Copper	1.125	1.200	1.255	1.310	0.920	1.013	1.105	3.040	3.280	3.520	6.3
IPUTT13810	1-1/4" Copper	1.375	1.450	1.510	1.570	0.970	1.063	1.155	3.390	3.635	3.880	6.3
IPUTT15810	1-1/2" Copper	1.625	1.710	1.770	1.830	1.000	1.093	1.185	3.710	3.955	4.200	6.3
IPUTT11010	1 1/2" IPS	1.900	1.970	2.030	2.090	1.000	1.093	1.185	3.970	4.215	4.460	6.0
IPUTT21810	2" Copper	2.125	2.220	2.280	2.340	1.000	1.093	1.185	4.220	4.465	4.710	5.9

*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.