



Sales Tolerances for AP Armaflex® White Lap Seal*

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	
IPWST01212	3/8" Copper	0.500	0.560	0.600	0.640	0.380	0.443	0.505	1.320	1.485	1.650	3.3
IPWST05812	1/2" Copper	0.625	0.710	0.750	0.790	0.400	0.463	0.525	1.510	1.675	1.840	3.4
IPWST07812	3/4" Copper	0.875	0.940	0.995	1.050	0.430	0.493	0.555	1.800	1.980	2.160	3.3
IPWST11812	1" Copper	1.125	1.200	1.255	1.310	0.450	0.513	0.575	2.100	2.280	2.460	3.3
IPWST13812	1-1/4" Copper	1.375	1.450	1.510	1.570	0.460	0.523	0.585	2.370	2.555	2.740	3.2
IPWST15812	1-1/2" Copper	1.625	1.710	1.770	1.830	0.470	0.533	0.595	2.650	2.835	3.020	3.2
IPWST21812	2" Copper	2.125	2.220	2.280	2.340	0.490	0.553	0.615	3.200	3.385	3.570	3.2
IPWST25812	2-1/2" Copper	2.625	2.790	2.865	2.940	0.500	0.563	0.625	3.790	3.990	4.190	3.4
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	
IPWST01234	3/8" Copper	0.500	0.570	0.610	0.650	0.620	0.683	0.745	1.810	1.975	2.140	5.5
IPWST05834	1/2" Copper	0.625	0.720	0.760	0.800	0.660	0.723	0.785	2.040	2.205	2.370	5.7
IPWST07834	3/4" Copper	0.875	0.970	1.020	1.070	0.700	0.763	0.825	2.370	2.545	2.720	5.5
IPWST11834	1" Copper	1.125	1.230	1.280	1.330	0.740	0.803	0.865	2.710	2.885	3.060	5.5
IPWST13834	1-1/4" Copper	1.375	1.490	1.540	1.590	0.750	0.813	0.875	2.990	3.165	3.340	5.4
IPWST15834	1-1/2" Copper	1.625	1.745	1.800	1.855	0.750	0.813	0.875	3.245	3.425	3.605	5.2
IPWST21834	2" Copper	2.125	2.255	2.310	2.365	0.750	0.813	0.875	3.755	3.935	4.115	4.9
IPWST25834	2-1/2" Copper	2.625	2.755	2.830	2.905	0.750	0.813	0.875	4.255	4.455	4.655	4.8
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	
IPWST01210	3/8" Copper	0.500	0.560	0.600	0.640	0.975	1.068	1.160	2.510	2.735	2.960	9.5
IPWST05810	1/2" Copper	0.625	0.720	0.760	0.800	0.975	1.068	1.160	2.670	2.895	3.120	9.1
IPWST07810	3/4" Copper	0.875	0.970	1.020	1.070	0.975	1.068	1.160	2.920	3.155	3.390	8.3
IPWST11810	1" Copper	1.125	1.230	1.280	1.330	0.975	1.068	1.160	3.180	3.415	3.650	7.7
IPWST13810	1-1/4" Copper	1.375	1.490	1.540	1.590	0.975	1.068	1.160	3.440	3.675	3.910	7.4
IPWST15810	1-1/2" Copper	1.625	1.745	1.800	1.855	1.000	1.093	1.185	3.745	3.985	4.225	7.3
IPWST21810	2" Copper	2.125	2.255	2.310	2.365	1.000	1.093	1.185	4.255	4.495	4.735	6.9
IPWST25810	2-1/2" Copper	2.625	2.755	2.830	2.905	1.000	1.093	1.185	4.755	5.015	5.275	6.6
1-1/2" Walls												
Item	Nom Pipe Size	Pipe OD	Insulation ID			Insulation Wall			Calculated OD			R Value
			Min	Targ	Max	Min	Targ	Max	Min	Targ	Max	
IPWST01215	3/8" Copper	0.500	0.560	0.600	0.640	1.408	1.500	1.592	3.376	3.600	3.824	12.7
IPWST05815	1/2" Copper	0.625	0.720	0.760	0.800	1.408	1.500	1.592	3.536	3.760	3.984	12.0
IPWST07815	3/4" Copper	0.875	0.970	1.020	1.070	1.408	1.500	1.592	3.786	4.020	4.254	10.9
IPWST11815	1" Copper	1.125	1.230	1.280	1.330	1.408	1.500	1.592	4.046	4.280	4.514	10.2
IPWST13815	1-1/4" Copper	1.375	1.490	1.540	1.590	1.408	1.500	1.592	4.306	4.540	4.774	9.7
IPWST15815	1-1/2" Copper	1.625	1.745	1.800	1.855	1.408	1.500	1.592	4.561	4.800	5.039	9.3
IPWST21815	2" Copper	2.125	2.255	2.310	2.365	1.408	1.500	1.592	5.071	5.310	5.549	8.7
IPWST25815	2-1/2" Copper	2.625	2.755	2.830	2.905	1.408	1.500	1.592	5.571	5.830	6.089	8.3

*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.