



# Sales Tolerances for NH Armaflex®\*

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	
IPNHT03812	1/4" Copper	0.375	0.450	0.490	0.530	0.360	0.423	0.485	1.170	1.335	1.500	3.1
IPNHT01212	3/8" Copper	0.500	0.590	0.630	0.670	0.380	0.443	0.505	1.350	1.515	1.680	3.1
IPNHT05812	1/2" Copper	0.625	0.730	0.770	0.810	0.400	0.463	0.525	1.530	1.695	1.860	3.1
IPNHT07812	3/4" Copper	0.875	1.000	1.050	1.100	0.430	0.493	0.555	1.860	2.035	2.210	3.2
IPNHT11812	1" Copper	1.125	1.260	1.310	1.360	0.450	0.513	0.575	2.160	2.335	2.510	3.2
IPNHT13812	1-1/4" Copper	1.375	1.520	1.570	1.620	0.460	0.523	0.585	2.440	2.615	2.790	3.1
IPNHT15812	1-1/2" Copper	1.625	1.780	1.835	1.890	0.470	0.533	0.595	2.720	2.900	3.080	3.1
IPNHT11012	1 1/2" IPS	1.900	1.990	2.050	2.110	0.480	0.543	0.605	2.950	3.135	3.320	2.9
IPNHT21812	2" Copper	2.125	2.310	2.370	2.430	0.490	0.553	0.615	3.290	3.475	3.660	3.2
IPNHT20012	2" IPS	2.375	2.540	2.615	2.690	0.500	0.563	0.625	3.540	3.740	3.940	3.1
IPNHT21012	2-1/2" IPS	2.875	3.050	3.125	3.200	0.500	0.563	0.625	4.050	4.250	4.450	3.1
IPNHT30012	3" IPS	3.500	3.645	3.720	3.795	0.500	0.563	0.625	4.645	4.845	5.045	2.9
IPNHT41812R	4" Copper	4.125	4.285	4.360	4.435	0.500	0.563	0.625	5.285	5.485	5.685	2.9
IPNHT40012R	4" IPS	4.500	4.645	4.720	4.795	0.500	0.563	0.625	5.645	5.845	6.045	2.8
IPNHT50012R	5" IPS	5.563	5.715	5.790	5.865	0.500	0.563	0.625	6.715	6.915	7.115	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	
IPNHT01234	3/8" Copper	0.500	0.570	0.610	0.650	0.620	0.683	0.745	1.810	1.975	2.140	5.0
IPNHT05834	1/2" Copper	0.625	0.720	0.760	0.800	0.660	0.723	0.785	2.040	2.205	2.370	5.1
IPNHT07834	3/4" Copper	0.875	0.970	1.020	1.070	0.700	0.763	0.825	2.370	2.545	2.720	5.0
IPNHT11834	1" Copper	1.125	1.230	1.280	1.330	0.740	0.803	0.865	2.710	2.885	3.060	5.0
IPNHT13834	1-1/4" Copper	1.375	1.490	1.540	1.590	0.750	0.813	0.875	2.990	3.165	3.340	4.9
IPNHT15834	1-1/2" Copper	1.625	1.745	1.800	1.855	0.750	0.813	0.875	3.245	3.425	3.605	4.7
IPNHT11034	1 1/2" IPS	1.900	2.005	2.060	2.115	0.750	0.813	0.875	3.505	3.685	3.865	4.5
IPNHT21834	2" Copper	2.125	2.255	2.310	2.365	0.750	0.813	0.875	3.755	3.935	4.115	4.5
IPNHT20034	2" IPS	2.375	2.505	2.580	2.655	0.750	0.813	0.875	4.005	4.205	4.405	4.4
IPNHT25834	2-1/2" Copper	2.625	2.755	2.830	2.905	0.750	0.813	0.875	4.255	4.455	4.655	4.4
IPNHT21034	2-1/2" IPS	2.875	3.015	3.090	3.165	0.750	0.813	0.875	4.515	4.715	4.915	4.3
IPNHT31834	3" Copper	3.125	3.265	3.340	3.415	0.750	0.813	0.875	4.765	4.965	5.165	4.3
IPNHT30034	3" IPS	3.500	3.645	3.720	3.795	0.750	0.813	0.875	5.145	5.345	5.545	4.2
IPNHT41834R	4" Copper	4.125	4.285	4.360	4.435	0.750	0.813	0.875	5.785	5.985	6.185	4.1
IPNHT40034R	4" IPS	4.500	4.645	4.720	4.795	0.750	0.813	0.875	6.145	6.345	6.545	4.0
IPNHT50034R	5" IPS	5.563	5.715	5.790	5.865	0.750	0.813	0.875	7.215	7.415	7.615	3.9
IPNHT60034R	6" IPS	6.625	6.775	6.850	6.925	0.750	0.813	0.875	8.275	8.475	8.675	3.9
IPNHT80034R	8" IPS	8.625	8.775	8.850	8.925	0.750	0.813	0.875	10.275	10.475	10.675	3.8
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	
IPNHT05810	1/2" Copper	0.625	0.720	0.760	0.800	0.825	0.888	0.950	2.370	2.535	2.700	6.6
IPNHT07810	3/4" Copper	0.875	0.970	1.020	1.070	0.900	0.963	1.025	2.770	2.945	3.120	6.6
IPNHT11810	1" Copper	1.125	1.230	1.280	1.330	1.000	1.063	1.125	3.230	3.405	3.580	7.0
IPNHT13810	1-1/4" Copper	1.375	1.490	1.540	1.590	1.000	1.063	1.125	3.490	3.665	3.840	6.7
IPNHT15810	1-1/2" Copper	1.625	1.745	1.800	1.855	1.000	1.063	1.125	3.745	3.925	4.105	6.4
IPNHT11010	1 1/2" IPS	1.900	2.005	2.060	2.115	1.000	1.063	1.125	4.005	4.185	4.365	6.1
IPNHT21810	2" Copper	2.125	2.255	2.310	2.365	1.000	1.063	1.125	4.255	4.435	4.615	6.0
IPNHT20010	2" IPS	2.375	2.505	2.580	2.655	1.000	1.063	1.125	4.505	4.705	4.905	6.0
IPNHT25810	2-1/2" Copper	2.625	2.755	2.830	2.905	1.000	1.063	1.125	4.755	4.955	5.155	5.8
IPNHT21010	2-1/2" IPS	2.875	3.015	3.090	3.165	1.000	1.063	1.125	5.015	5.215	5.415	5.8
IPNHT31810	3" Copper	3.125	3.265	3.340	3.415	1.000	1.063	1.125	5.265	5.465	5.665	5.7

\*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.