

3/8" Walls													
IMCOA Item	TUBOLIT Item	Nom Pipe Size	Pipe OD	Insulation ID			Insulation Wall			Calculated OD			R Value
				Min	Targ	Max	Min	Targ	Max	Min	Targ	Max	
6IE038038	DGT03838S	1/4" Copper	0.375	0.453	0.472	0.492	0.354	0.374	0.394	1.161	1.220	1.280	2.7
6IE038048	DGT01238S	3/8" Copper	0.500	0.571	0.591	0.610	0.354	0.374	0.394	1.280	1.339	1.398	2.4
6IE038058	DGT05838S	1/2" Copper	0.625	0.709	0.728	0.748	0.354	0.374	0.394	1.417	1.476	1.535	2.4
6IE038068	DGT03438S	5/8" Copper	0.750	0.846	0.866	0.886	0.354	0.374	0.394	1.555	1.614	1.673	2.3
6IE038078	DGT07838S	3/4" Copper	0.875	0.965	0.984	1.004	0.354	0.374	0.394	1.673	1.732	1.791	2.2
6IE038118	DGT11838S	1" Copper	1.125	1.220	1.240	1.260	0.354	0.374	0.394	1.929	1.988	2.047	2.1
6IE038138	DGT13838S	1-1/4" Copper	1.375	1.398	1.417	1.437	0.335	0.354	0.374	2.067	2.126	2.185	1.7
6IE038158	DGT15838S	1-1/2" Copper	1.625	1.752	1.772	1.791	0.354	0.374	0.394	2.461	2.520	2.579	2.0
6IE038200	DGT11038S	1 1/2" IPS	1.900	1.949	1.969	1.988	0.354	0.374	0.394	2.657	2.717	2.776	1.8
6IE038218	DGT21838S	2" Copper	2.125	2.283	2.303	2.323	0.354	0.374	0.394	2.992	3.051	3.110	2.0
6IE038238	DGT20038S	2" IPS	2.375	2.441	2.461	2.480	0.354	0.374	0.394	3.150	3.209	3.268	1.8
6IE038258	DGT25838S	2-1/2" Copper	2.625	2.795	2.815	2.835	0.354	0.374	0.394	3.504	3.563	3.622	2.0
1/2" Walls													
IMCOA Item	TUBOLIT Item	Nom Pipe Size	Pipe OD	Insulation ID			Insulation Wall			Calculated OD			R Value
				Min	Targ	Max	Min	Targ	Max	Min	Targ	Max	
6IE048038	DGT03812	1/4" Copper	0.375	0.453	0.472	0.492	0.480	0.500	0.520	1.413	1.472	1.531	3.7
6IE048048	DGT01212	3/8" Copper	0.500	0.571	0.591	0.610	0.480	0.500	0.520	1.531	1.591	1.650	3.4
6IE048058	DGT05812	1/2" Copper	0.625	0.709	0.728	0.748	0.480	0.500	0.520	1.669	1.728	1.787	3.3
6IE048068	DGT03412	5/8" Copper	0.750	0.846	0.866	0.886	0.480	0.500	0.520	1.807	1.866	1.925	3.2
6IE048078	DGT07812	3/4" Copper	0.875	0.965	0.984	1.004	0.480	0.500	0.520	1.925	1.984	2.043	3.0
6IE048118	DGT11812	1" Copper	1.125	1.220	1.240	1.260	0.480	0.500	0.520	2.181	2.240	2.299	2.9
6IE048138	DGT13812	1-1/4" Copper	1.375	1.398	1.417	1.437	0.480	0.500	0.520	2.358	2.417	2.477	2.5
6IE048158	DGT15812	1-1/2" Copper	1.625	1.752	1.772	1.791	0.480	0.500	0.520	2.713	2.772	2.831	2.7
6IE048200	DGT11012	1 1/2" IPS	1.900	1.949	1.969	1.988	0.480	0.500	0.520	2.909	2.969	3.028	2.5
6IE048218	DGT21812	2" Copper	2.125	2.283	2.303	2.323	0.480	0.500	0.520	3.244	3.303	3.362	2.7
6IE048238	DGT20012	2" IPS	2.375	2.441	2.461	2.480	0.480	0.500	0.520	3.402	3.461	3.520	2.4
6IE048258	DGT25812	2-1/2" Copper	2.625	2.795	2.815	2.835	0.480	0.500	0.520	3.756	3.815	3.874	2.6
3/4" Walls													
IMCOA Item	TUBOLIT Item	Nom Pipe Size	Pipe OD	Insulation ID			Insulation Wall			Calculated OD			R Value
				Min	Targ	Max	Min	Targ	Max	Min	Targ	Max	
6IE068038	DGT03834	1/4" Copper	0.375	0.453	0.472	0.492	0.728	0.748	0.728	1.909	1.969	1.949	6.0
6IE068048	DGT01234	3/8" Copper	0.500	0.571	0.591	0.610	0.732	0.752	0.772	2.035	2.094	2.154	5.6
6IE068058	DGT05834	1/2" Copper	0.625	0.709	0.728	0.748	0.732	0.752	0.772	2.173	2.232	2.291	5.3
6IE068068	DGT03434	5/8" Copper	0.750	0.846	0.866	0.886	0.732	0.752	0.772	2.311	2.370	2.429	5.1
6IE068078	DGT07834	3/4" Copper	0.875	0.965	0.984	1.004	0.732	0.752	0.772	2.429	2.488	2.547	4.8
6IE068118	DGT11834	1" Copper	1.125	1.220	1.240	1.260	0.732	0.752	0.772	2.685	2.744	2.803	4.5
6IE068138	DGT13834	1-1/4" Copper	1.375	1.358	1.378	1.398	0.732	0.752	0.772	2.823	2.882	2.941	3.9
6IE068158	DGT15834	1-1/2" Copper	1.625	1.752	1.772	1.791	0.732	0.752	0.772	3.217	3.276	3.335	4.3
6IE068200	DGT11034	1 1/2" IPS	1.900	1.949	1.969	1.988	0.732	0.752	0.772	3.413	3.472	3.531	3.9
6IE068218	DGT21834	2" Copper	2.125	2.283	2.303	2.323	0.732	0.752	0.772	3.748	3.807	3.866	4.1
6IE068238	DGT20034	2" IPS	2.375	2.441	2.461	2.480	0.732	0.752	0.772	3.906	3.965	4.024	3.8
6IE068258	DGT25834	2-1/2" Copper	2.625	2.795	2.815	2.835	0.732	0.752	0.772	4.260	4.319	4.378	4.0
1" Walls													
IMCOA Item	TUBOLIT Item	Nom Pipe Size	Pipe OD	Insulation ID			Insulation Wall			Calculated OD			R Value
				Min	Targ	Max	Min	Targ	Max	Min	Targ	Max	
6IE100038	DGT03810	1/4" Copper	0.375	0.453	0.472	0.492	0.980	1.000	1.020	2.413	2.472	2.531	8.6
6IE100048	DGT01210	3/8" Copper	0.500	0.571	0.591	0.610	0.980	1.000	1.020	2.531	2.591	2.650	7.9
6IE100058	DGT05810	1/2" Copper	0.625	0.709	0.728	0.748	0.980	1.000	1.020	2.669	2.728	2.787	7.4
6IE100068	DGT03410	5/8" Copper	0.750	0.846	0.866	0.886	0.980	1.000	1.020	2.807	2.866	2.925	7.1
6IE100078	DGT07810	3/4" Copper	0.875	0.965	0.984	1.004	0.980	1.000	1.020	2.925	2.984	3.043	6.8
6IE100100	DGT11810	7/8" Copper	1.000	1.063	1.083	1.102	0.980	1.000	1.020	3.024	3.083	3.142	6.4
6IE100138	DGT13810	1-1/4" Copper	1.375	1.398	1.417	1.437	0.980	1.000	1.020	3.358	3.417	3.476	5.8
6IE100158	DGT15810	1-1/2" Copper	1.625	1.752	1.772	1.791	0.980	1.000	1.020	3.713	3.772	3.831	5.9
6IE100200	DGT11010	1 1/2" IPS	1.900	1.949	1.969	1.988	0.980	1.000	1.020	3.909	3.969	4.028	5.4
6IE100218	DGT21810	2" Copper	2.125	2.283	2.303	2.323	0.980	1.000	1.020	4.244	4.303	4.362	5.6
6IE100238	DGT20010	2" IPS	2.375	2.441	2.461	2.480	0.980	1.000	1.020	4.402	4.461	4.520	5.2
6IE100258	DGT25810	2-1/2" Copper	2.625	2.795	2.815	2.835	0.980	1.000	1.020	4.756	4.815	4.874	5.4

*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.
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