

# Pipe Wall Thickness Chart

Nominal Pipe Wall Thickness for Ammonia Refrigeration System Mechanical Integrity

Gamma Graphics Services non destructive testing (NDT) conclusively measures pipe wall thickness and loss versus nominal on insulated and uninsulated piping.

Piping is tested in its current state without removing or cutting holes in the insulation and jacketing.

Pipe Schedules		Nominal Wall Thickness in Inches							
SIZE	O.D. IN	10	20	30	STD	40	60	XS	80
2	2.375	0.109			0.154	0.154		0.218	0.218
2 1/2	2.875	0.12			0.203	0.203		0.276	0.276
3	3.5	0.12			0.216	0.216		0.3	0.3
3 1/2	4	0.12			0.226	0.226		0.318	0.318
4	4.5	0.12			0.237	0.237	0.281	0.337	0.337
4 1/2	5				0.247			0.355	
5	5.563	0.134			0.258	0.258		0.375	0.375
6	6.625	0.134			0.28	0.28		.432	.432
7	7.625				0.301			0.5	
8	8.625	0.148	0.25	0.277	0.322	0.322	0.406	0.5	0.5
9	9.625				0.342			0.5	
10	10.75	0.165	0.25	0.307	0.365	0.365	0.5	0.5	0.593
11	11.75				0.375			0.5	
12	12.75	0.18	0.25	0.33	0.375	0.406	0.562	0.5	0.687
14	14	0.25	0.312	0.375	0.375	0.437	0.593	0.5	0.75
16	16	0.25	0.312	0.375	0.375	0.5	0.656	0.5	0.843
18	18	0.25	0.312	0.437	0.375	0.562	0.75	0.5	0.937
20	20	0.25	0.375	0.5	0.375	0.593	0.812	0.5	1.031