TOLERANCES

ALUMINUM PIPE

Schedule 40 & 80

Outside Diameter		Wall	
Pipe Size Inches	Tolerance Inches	Size Inches	Tolerance %
Under 2	+ .015 - .031	All	− 12½
2 and Up	±1%		

ALUMINUM TREAD PLATE/SHEET

Thick In.	Tolerance, In. Plus	Minus	Thick In.	Tolerance, In. Plus	Minus
.100	.008	.012	.250	.018	.030
.125	.010	.015	.375	.025	.045
.156	.011	.019	.500	.035	.060
.188	.013	.023	.625	.044	.075

Specified thickness does not include height of pattern. (Minimum height of raised pattern = 0.040 inch.)

ALUMINUM SHEET THICKNESS TOLERANCES (INCHES +/−)

By alloy group and width range

	Through 39.37		39.38-59.06		59.07-78.74	
	1100, 3003		1100, 3003		1100, 3003	
	5005, 5052	2024	5005, 5052	2024	5005, 5052	2024
Nom.	5083, 5086	7075	5083, 5086	7075	5083, 5086	7075
Thick.	6061		6061		6061	
.190	.007	.0055	.009	.007	.011	.009
.160	.007	.0055	.009	.007	.011	.009
.125	.0045	.0035	.0055	.0035	.007	.0045
.100	.0045	.0035	.0055	.0035	.007	.0045
.090	.0035	.0025	.0045	.0035	.006	.004
.080	.0035	.0025	.0045	.0035	.006	.004
.063	.003	.002	.0035	.003	.005	.003
.050	.003	.002	.0035	.003	.005	.003
.040	.0025	.002	.0035	.002	.0045	.003
.032	.002	.0015	.0025	.002	.0035	.003
.025	.0015	.0015	.002	.0025	.003	.003