



THERMAL EXPANSION CHART

Chart shows panel movement in inches based on 180 Degree F. Temperature Differential

MATERIAL	FACTOR	PANEL LENGTH FROM FIXED POINT (IN FEET)														
		10	20	30	40	50	60	70	80	90	100	120	140	160	180	200
G-90 GAL. STEEL	0.0000067	0.14	0.29	0.43	0.58	0.72	0.87	1.01	1.16	1.30	1.45	1.74	2.03	2.32	2.60	2.89
ALUMINUM	0.0000129	0.28	0.56	0.84	1.11	1.39	1.67	1.95	2.23	2.51	2.79	3.34	3.90	4.46	5.02	5.57
COPPER	0.0000094	0.20	0.41	0.61	0.81	1.02	1.22	1.42	1.62	1.83	2.03	2.44	2.84	3.25	3.65	4.06
ZINC	0.00001222	0.26	0.53	0.79	1.06	1.32	1.58	1.85	2.11	2.38	2.64	3.17	3.70	4.22	4.75	5.28
STAINLESS STEEL	0.0000096	0.21	0.41	0.62	0.83	1.04	1.24	1.45	1.66	1.87	2.07	2.49	2.90	3.32	3.73	4.15

Note: The expansion factor is in inches per inch per degree F.