

The following is a list of standard manufacturing tolerances for products made by Emerson & Cuming Microwave Products, USA. When not otherwise specified on a Quotation, Print, or Purchase Order these tolerances will apply.

Acceptance Criteria Table

Material		Thickness	Length & Width
CPE, HiK, HiK500, HT0003, LoK, MF, MF500			
Sheets		+0.020 / -0.00	+0.xxx / -0.00
Rods	Diameter ≤ 0.25	±0.001	+0.xxx / -0.00
Rods	Diameter > 0.25	+0.010 / -0.00	+0.xxx / -0.00
SH			
Sheets		+0.125 / -0.00	+0.xxx / -0.00
0005			
Sheets	Thickness ≤ 0.0625	+0.005 / -0.00	+0.xxx / -0.00
Sheets	0.0625 < Thickness ≤ 0.25	+0.008 / -0.00	+0.xxx / -0.00
Sheets	0.25 < Thickness ≤ 0.375	+0.010 / -0.00	+0.xxx / -0.00
Sheets	0.375 < Thickness ≤ 0.75	+0.012 / -0.00	+0.xxx / -0.00
Sheets	0.75 < Thickness ≤ 2.00	+0.020 / -0.00	+0.xxx / -0.00
Sheets	Thickness > 2.00	+0.25 / -0.00	+0.xxx / -0.00
Rods	Diameter ≤ 0.625	±0.001	+0.xxx / -0.00
Rods	0.625 < Diameter ≤ 1.00	±0.002	+0.xxx / -0.00
Rods	1.001 < Diameter ≤ 2.25	+0.008 / -0.00	+0.xxx / -0.00
Rods	Diameter > 2.25	+0.125 / -0.00	+0.xxx / -0.00
BSR, DSF, FDS, FGM, FGMU, GDS, GDSU, LSV, MCS, MFS, SF, SFU, SV, SVR			
Rolled to thickness:			
Sheets	Thickness ≤ 0.105	±0.003	+0.125 / -0.00
Sheets	0.105 < Thickness < 0.175	+0.005 / -0.010	+0.125 / -0.00
Sheets	Thickness ≥ 0.175	±0.020	+0.125 / -0.00
Exceptions:			
BSR, MFS	0.090 ≤ Thickness ≤ 0.105	±0.004	+0.125 / -0.00
SF, SFU	All Thickness	+0.005/-0.010	+0.125 / -0.00
Machined/Sanded to thickness:			
Sheets	All Thickness	±0.003	+0.125 / -0.00
With Tape:			
Rolled to thickness:			
Sheets	Thickness ≤ 0.105	±0.005	+0.125 / -0.00
Sheets	0.105 < Thickness < 0.175	±0.010	+0.125 / -0.00
Sheets	Thickness ≥ 0.175	±0.020	+0.125 / -0.00
Exceptions:			
BSR, MFS	0.090 ≤ Thickness ≤ 0.105	±0.006	+0.125 / -0.00
SF, SFU	All Thickness	+0.008/-0.010	+0.125 / -0.00
Machined/Sanded to thickness:			
Sheets	All Thickness	±0.003	+0.125 / -0.00
AN, LS, QR			
Sheets	Thickness ≤ 0.25	±0.0625	+0.25 / -0.00
Sheets	0.25 < Thickness ≤ 1.00	±0.125	+0.25 / -0.00

Weight

$\leq 100 \text{ gm}$	-0.0% / +20%
$100 \text{ gm} < \text{Weight} \leq 1 \text{ lb (453.6 gm)}$	-0.0% / +10%
$> 1 \text{ lb (453.6 gm)}$	-0.0% / +3%