

Avonite Surfaces™ Solid Surface Sheet Dimensional Tolerances

Foundations® Series Sheets				
Foundations® (12mm)	Imperial Units		Metric Units	
Measurement	Nominal Value	Tolerance	Nominal Value	Tolerance
Caliper	0.472"	-.022"/+.022"	12 mm	-0.56 mm/+ 0.56 mm
Length	144"	-0.0" / +1/2"	3658 mm	-0.0 mm / +12.7 mm
Width	30"	-0.0" / +1/4"	762 mm	-0.0 mm / + 6.35 mm
Foundations® (9mm)	Imperial Units		Metric Units	
Measurement	Nominal Value	Tolerance	Nominal Value	Tolerance
Caliper	0.354"	-.022"/+.022"	9 mm	-0.56 mm/+ 0.56 mm
Length	144"	-0.0" / +1/2"	3658 mm	-0.0 mm / +12.7 mm
Width	30"	-0.0" / +1/4"	762 mm	-0.0 mm / + 6.35 mm
Foundations® (6mm)	Imperial Units		Metric Units	
Measurement	Nominal Value	Tolerance	Nominal Value	Tolerance
Caliper	0.236"	-.022"/+.022"	6 mm	-0.56 mm/+ 0.56 mm
Length	96"	-0.0" / +1/2"	2438 mm	-0.0 mm / +12.7 mm
Width	36"/48"/60"	-0.0" / +1/4"	914mm/1219mm/1524mm	-0.0 mm / + 6.35 mm
Foundations® (3mm)	Imperial Units		Metric Units	
Measurement	Nominal Value	Tolerance	Nominal Value	Tolerance
Caliper	0.118"	-.012"/+.012"	3 mm	-0.30 mm/+ 0.30 mm
Length	144"	-0.0" / +1/2"	3658 mm	-0.0 mm / +12.7 mm
Width	30"	-0.0" / +1/4"	762 mm	-0.0 mm / + 6.35 mm

Measurement	Imperial Units	Metric Units
Maximum variance across sheet	.010"	.254 mm
Maximum cupping	.100"	2.54 mm

* Right Size sheets will have same caliper and length/width tolerances as shown above

Studio Collection® - 12mm Nominal				
Studio (12mm)	Imperial Units		Metric Units	
Measurement	Nominal Value	Tolerance	Nominal Value	Tolerance
Caliper	0.460"	-.010" / +.035"	11.68 mm	-.254mm / +.890 mm
Length	120"	-3/4" / +3/4"	3048 mm	-19mm / + 19mm
Width	36"	-1/2" / +1/4"	914 mm	-12.7mm / +6.35 mm