



Linear Dimension Tolerances & Visual Defects for 3x3 and 4x4 Aluminum Nitride Tiles (ST-100 and ST-200)

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A. As Fired Dimensional Tolerances :

Parameters	Tolerances
Length (in.)	± 5% , NLT 0.060"
Width (in.)	± 5% , NLT 0.060"
Thickness (in.)	± 5% , NLT 0.030"
Camber (in./in. Max)	0.010"

NLT : Not Less Than

B. Visual Defects (per ASTM F-109)

Parameters	Maximum Size
Blemish	Acceptable
Chips Open or Closed	Within dimensional tolerances
Cracks	Within dimensional tolerances
Blister	0.060"
Inclusion	0.040"
Pit, Hole, Surface porosity, Voids	0.060"

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