

# LG1145-AL78 Aluminum mesh

## ■ Product description

LG1145-AL78 is a nonwoven aluminum mesh used for lightning and shielding protection of composite aircraft and other structures and improving EMI and RFI problems.

Using with CX-MC surface coating, comes cleaned, annealed and coated with a corrosion resistant, requires no additional cost handling or cleaning.

The specialized diamond configuration, high elongation and uniformity provide for a greater ease and flexibility in application resulting in cost savings. The tacky adhesive serves to hold the mesh in place against the mold surface, thereby eliminating any tendency to wrinkle to assure smooth conformance with the tooling.

LG1145-AL78 is 99.45% pure with low resistivity and high conductivity, is able to withstand repeated strikes.

## ■ PROPERTIES

Colour	White
Density	78g/m <sup>2</sup>
Conductivity vs. Silver Standard	59%
Tensile Strength	≥138MPa
Elongation	≥20%
Resistivity	2.89 Ohm/cm

## ■ AVAILABILITY&PACKAGING

Standard Thickness	0.152mm(0.006")
Standard Widths	915mm(36")

## ■ Notes

Store in cool, dry place, and avoid direct sunlight

No shelf life limitation

