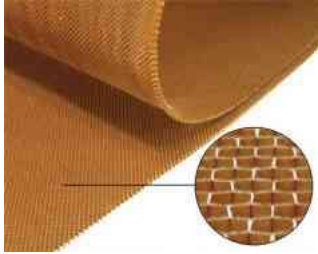


## #1562 Nomex® Honeycomb



**Overview:** #1562-B is an Aerospace Grade Nomex® Honeycomb which exhibits high strength and toughness in a small cell, low density, non-metallic honeycomb. It is particularly noted for its corrosion resistance. This material is fire resistant and is typically used where low O.S.U., smoke, and toxicity characteristics are a necessity. This material also exhibits good thermal insulation properties and also has good dielectric properties. This honeycomb is easily machined, formed, and shaped and well suited to adhesive bonding.

**Specification:** #1562-B honeycomb has the typical mechanical properties of an Aerospace grade aramid fiber honeycomb as tested in a room temperature environment as per MIL-STD-401.

**Sheet Size Tolerances:**

- Length = -0+3 inches
- Width = -0+6 inches
- Thickness (T) = +/- .006 up to 2.00 inches
- = .010 to 4.00 inches
- = .060 above 4.00 inches

Product Designation Cell - Density	Compressive Strength				Plate Shear				
	Bare		Stabilized		L Direction		W Direction		
	Strength psi		Strength psi		Strength psi	Modulus ksi	Strength psi	Modulus ksi	
Hexagonal Cell Typ	Min	Typ	Min	Typ	Min	Typ	Typ	Min	Typ
PN2-3/16-1.8 OV 95	75	110	75	61	36	2.2	59	36	3.3

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