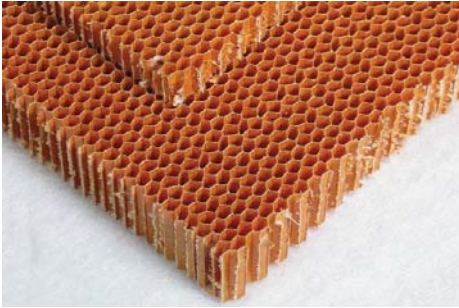


Standard Cell Aramid Honeycomb



The 3PCF Standard Cell Aramid Honeycomb is a lightweight, high strength, nonmetallic honeycomb core material manufactured from aramid fiber paper with a 1/8" hexangular cell and density of 3 pounds per cubic foot (PCF). After the honeycomb is formed, it is coated with a heat resistant phenolic resin to increase its strength and thermal properties. It exhibits high strength-to-weight ratio, exceptional stiffness, and is very bondable.

Physical Properties

Cell Size	1/8" +/-10%
Density	3 PCF +/- 15%
Thickness	+/- .006"
Material	Nomex® Paper-Commercial Grade
Nomex® Paper-Commercial Grade Features	<ul style="list-style-type: none"> - High strength to weight ratio - Excellent flame resistance, low smoke generation - Good water resistance - Good thermal stability and strength retention - Superior dielectric properties - Strong bonding surface for sandwich construction - Corrosion resistant - Good sound, heat and noise insulation

Technical Properties

Compressive Strength	276 psi
Shear Strength-L Direction	175 psi
Shear Strength-W Direction	88 psi

The above data is based on limited testing of specimens 5" thick at room temperature.
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All the information contained in these properties is believed to be reliable. It is intended for comparison purposes only as each manufactured lot will exhibit variations. The user should evaluate the suitability of each product for their application. We cannot anticipate the variations in all end use and we make no warranties and assume no liability in connection with the use of this information.