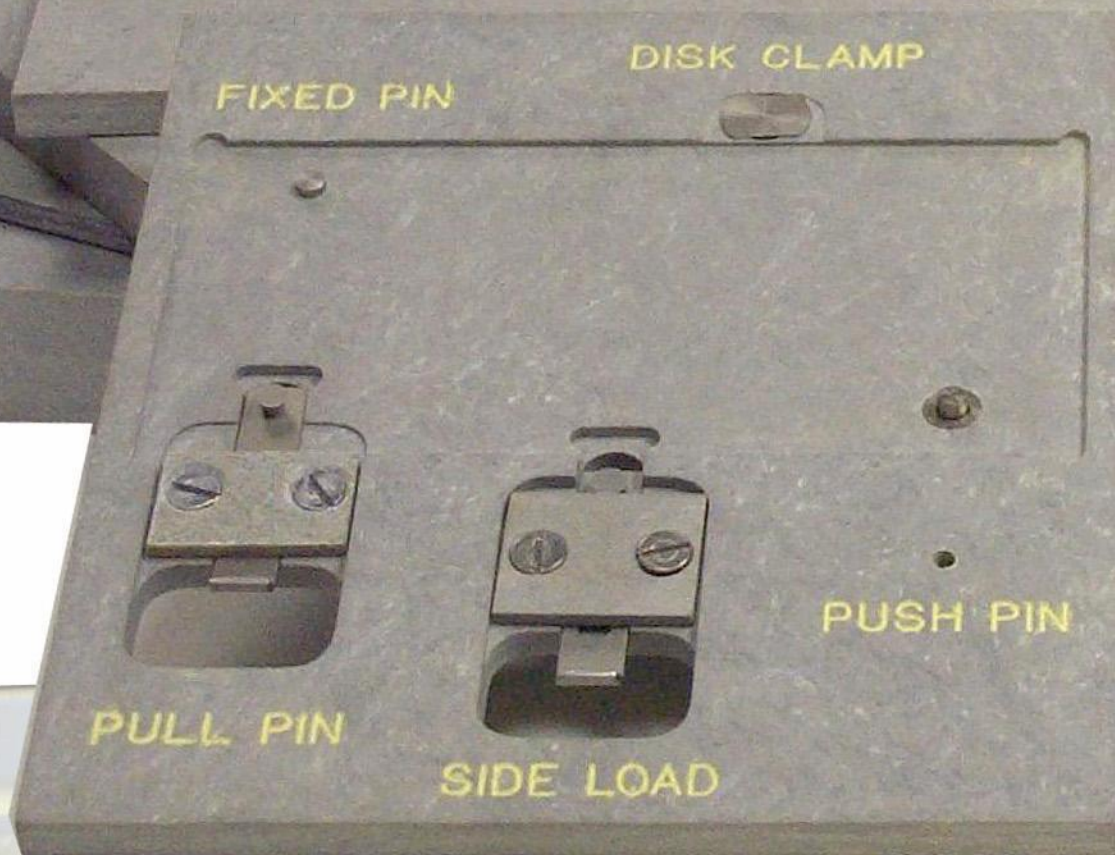


ECP-Plus

Composite Material from EMC Global Technologies

Excellent machinability and greater longevity compared to other pallet materials this material is ESD safe** and RoHS compliant



Available in full sheets or pre-cut to your pallet size
Stock thicknesses from 3 to 12mm
Manufactured with pride in the USA



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ECP-Plus Technical Data

Stock Sheet Size	19" x 46.5"
Tolerance on Pre-Cut Pallet Blanks	+.125/-.000
Short Term Temperature Capacity	335°C
Long Term Temperature Capacity	260°C
Thermal Decomposition Temperature	>370°C
Color	Grey
Tensile Strength	30,000 psi
Flex Strength	50,000 psi
Flex Modulus	2.2 X 10⁶ psi
Glass Content	20-30%
Aluminum Reinforcement	40-55%
Specific Gravity	.06 lbs/in³
Water Absorption	.11 %
Surface Resistivity (ohms/square inch)**	10⁵ - 10⁹
Average Coefficient of Thermal Expansion	
a) Perpendicular to layers	3.22 x 10⁻⁵
b) Parallel to layers	1.05 x 10⁻⁵
Thermal Conductivity	.36-.40 W/m - K

**Note: Static dissipative materials have an electrical resistance between insulative and conductive materials (1 x 10⁸ average ohms/sq surface resistivity and 1 x 10⁷ average ohm-cm volume resistivity). There can be electron flow across or through the dissipative material, but it is controlled by the surface resistance or volume resistance of the material.