

EMC EPS 5CM SHEETS



The original **EMC EPS 5CM Sheets** are white Expanded Polystyrene with 1cm x 1cm indentations for easy measurements. It can be cut down to size with the included razor knife. Keep your test setup looking professional with these lightweight and soft EUT supports. Ideal for the use in EMC testing for EUT and cable supports. The **EMC EPS 5CM SHEETS** are crush resistance able to withstand heavy weight loads without deforming. 1cm marking on the top side allows for easy positioning and test setups. Conveniently sold as sheets other sizes possible just ask.

Use **EMC EPS 5CM Sheets** for ISO/SAE, IEC, MIL-STD, DO160 testing. Has stable dielectric properties better than wood not can retaining moisture, giving better results for testing.

Specifications:

Material: Expanded Polystyrene (EPS)
Sheet Sizes: 8' x 4' (2438 x 1219mm) ±5%
 8' x 2' (2438 x 610mm) ±5%
Thickness: 50mm ±2%
Included: Utility Knife
Other: 1cm marking on 1 side

Relative Permittivity: $\epsilon_r = 1.06$
Dielectric Strength: 2kV/mm

Volume Resistivity: 4×10^{13} ohm-cm
Minimum Density: 3.00 lb/ft³ (48 kg/m³)
Compressive Strength: 60.0 psi (414 kPa)
Flexural Strength, min.: 75.0 psi (517 kPa)



Included with each order Utility Knife

Stack for EUT supports or use for cable supports for each different requirement

Support requirements for basic standards:

Standard	IEC 61000-4-4	IEC 61000-4-6	IEC 61000-4-18	MIL-STD-461	DO160
EUT Support	10cm	10cm	10cm	NA	NA
Cable Support	10cm	>3cm	10cm	5cm	5cm

The standards allow for a distance measurement tolerance of 10% to 5%.