



EPS Test Table

The **EPS Test Table** is a simple, inexpensive solution for your EMI testing. It is made from durable, expanded polystyrene (EPS) material and can be customized to your requirements. Complies with CISPR, ISO, & IEC requirements for low permittivity and can be used for additional standards. The top of the table is protected with a vinyl decal with a measurement grid in cm imprinted for easy EUT positioning

Table Specifications			
Table Size	Standard	W x L x H in. (W x L x H m.)	39.37 x 59 x 31.5 (1 x 1.5 x 0.8)
	Custom		Available
Weight load distributed		lb. (kg.)	500 (227)
Table weight		lb. (kg.)	64 (29)
Meeting requirements for high-frequency testing	CISPR 16		
Removable top for storage protection		¼" Acrylic	Clear
PHYSICAL PROPERTIES OF EXPANDED POLYSTYRENE ASTM C578			
Nominal Density		lb/ft ³ (kg/m ³)	3.00 (48)
Minimum Density		lb/ft ³ (kg/m ³)	3.00 (48)
Electrical Properties:			
dielectric strength			~2KV/mm
Relative permittivity ϵ_r		400 MHz (reduces for higher frequencies)	1.06
Thermal Resistance R-Value per inch	ASTM C518	25°F 40°F 75°F	5.10 5.05 4.60
Compressive Strength @ 10% deformation, min.	ASTM D1621	psi (kPa)	60.0 (414)
Flexural Strength, min.	ASTM C203	psi (kPa)	75.0 (517)
Water Vapor Permeance	ASTM E96	(max. perm., 1")	2.5
Water Absorption	ASTM C272	(max. % vol.)	2.0
Capillarity			none
Flame Spread	ASTM E84		< 25
Smoke Developed	ASTM E84		< 450
Max. Service Temperature	Long Term	°F	167
	Intermittent	°F	180

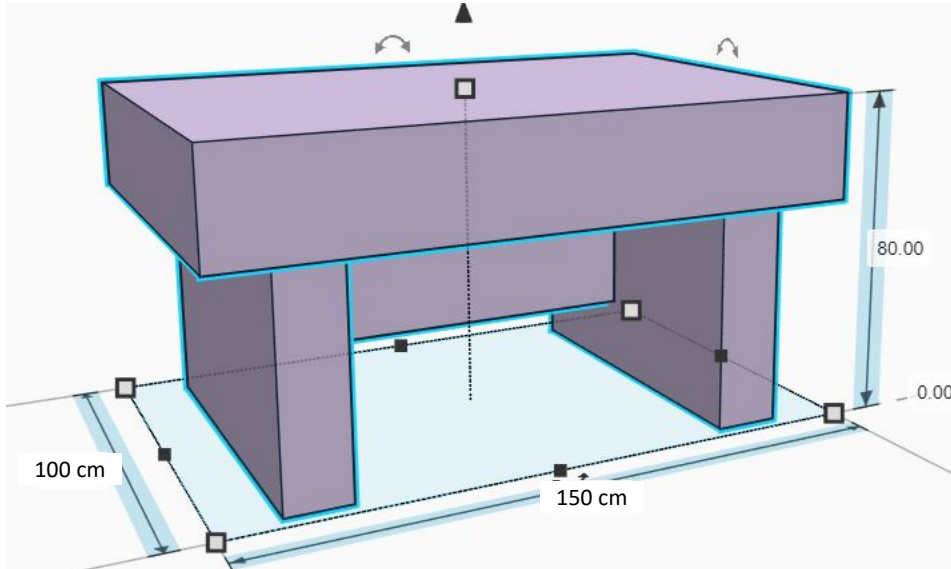
Water and aqueous solutions of salts, acids, and alkalis do not affect molded polystyrene. Most organic solvents are not compatible with EPS. This should be considered when selecting adhesives, labels, and coatings for direct application to the product. All substances of unknown composition should be tested for compatibility.

Options:

Custom table sizes available, Cube, Spacers, Contact us for your needs
(custom does not cost more)

Table with no vinyl sticker or cottings to keep

Outer Dimensions (cm), Please specify any customize to your needs



Foot Print Dimensions (cm), Please specify any customize to your needs

