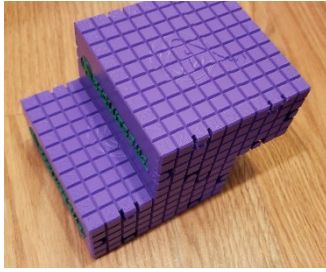


## EMC PLA Block



The original **EMC PLA blocks** are 3D printed with PLA plastic. They are extremely durable and versatile for the EMC environment. They come in dimensional metric sizes of 10 x 10 x 5 cm. Keep your test setup looking professional with this lightweight and EUT support. The surface is easily wiped clean for continued years of everyday use. Ideal for use in EMC testing for EUT and cable supports. The **EMC PLA Blocks** are crush resistance and able to withstand heavy weight loads without deforming. 1cm marking on 6 sides and allows for stacking and locking together. They are conveniently sold in kits in tote bins for secure storage.

Each block has features for looping rubber bands, zip ties, or velcro straps. these features can be used to lock blocks together or to hold EUT/DUT wiring down to the blocks.

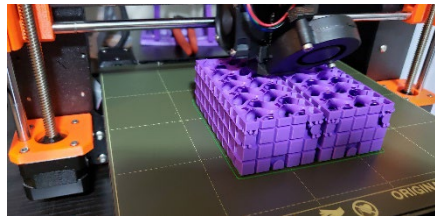
Use **EMC PLA Blocks** for IEC, MIL-STD, and DO160 testing. Has stable Dielectric properties better than wood which can retain moisture, giving better results for testing. The Dielectric Constant of PLA is similar to wood, but since 3D printing uses a smaller amount of material in comparison to a wood block the effects on the RF field are far less. Ideal for heavy loads. The Blocks are 3D printed and can be customized with different colors based on the PLA color being available.

\*\*All 3D Printed products from Absolute EMC come with an unlimited warranty. If any items become worn out or become damaged we will replace them free of charge.

### Specifications:

**Material:** PLA  
**Sizes Block:** 10x10x5cm ±2%  
**Permittivity:** ~2-3  
  
**Compressive Strength:** 100 psi

**Other:** Feed though for zip ties  
 Hooks for looping rubber bands  
 1cm marking 6 sides



PLA Blocks being 3D Printed

### Kits:

<b>EMC PLA Blocks -S</b>	20 Blocks, Plastic Tote (5 kg/10lb)
<b>EMC PLA Blocks -M</b>	40 Blocks Plastic Tote (7 kg/15lb)
<b>EMC PAL Blocks -L</b>	50 Blocks 2x Plastic Tote (14kg/30lb)

### Support requirements for basic standards:

Standard	IEC 61000-4-4	IEC 61000-4-6	IEC 61000-4-18	ISO/CISPR 25	MIL-STD-461	DO160
<b>EUT Support</b>	10cm	10cm	10cm	NA	NA	NA
<b>Cable Support</b>	10cm	>3cm	10cm	5cm	5cm	5cm

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