

Closed Cell PE - White

Specifications

August 2021

Description:

General purpose closed cell sponge made from PE or Polyethylene sometimes called polythene. Polyethylene is of low strength, hardness and rigidity, but has a high ductility and impact strength. This non-marking product is ideal for packing and as a protective pad.

Compound:

Closed Cell Polyethylene

Color:

White

Sheet Size

39" x 78" (1000*2000mm), Tolerances +20mm or +0.75"

Thickness:

1/8", 1/4", 3/8", 1/2", 3/4", 1"

Temperature Range:

-110 F to +190F

Density:

45 KG/M3 +/-6

Tensile Strength:

>240 kPa

Tensile Elongation:

>120%

Thermal Conductivity:

0.038 W/mK at 10 Celsius per DIN52612

Water Absorption:

< 1% Volume % - per DIN 53428

Compression Strength:

> 60 kPa – Deflection 10%

> 76 kPa – Deflection 20%

> 142 kPa – Deflection 50%

PSA:

Pressure sensitive adhesive can be applied to this product upon request.

Custom Cuts:

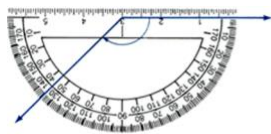
In addition to hand fabrication, this product can be fabricated using laser, die, and water-jet cut. Please submit your drawings for a price quote.

Availability:

This product is generally stocked and can ship within 24 hours.

Minimum Order:

One Sheet, volume discounts are available at 5, 25 and 50 units



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