

CG551 PE Low Density 2lb



Product Info

CG551 is a commercial grade Polyethylene (PE) crosslinked closed cell foam material use for a number of standard and everyday use applications. It is durable and resilient, exhibiting good chemical resistance against acids, glycols, ethanol, glycerin, and other abrasive substances. The closed cell structure of the PE foam makes it impermeable to water, mildew, rot, and bacteria.

Performance

- It has a low density of 2lbs/ft³ and a temperature range of -40 to 158°F (-40 to 70°C).
- This versatile product is often used for shock absorption, protective packaging, flotation, flooring underlays, and more.
- PE foam material can be supplied with or without pressure sensitive adhesive backing (PSA).



Technical Data

CG551 PE Low Density	Specification
Cell Type	Closed
Polymer Type	Polyethylene crosslinked
Coloration	Grey, White
Density	1.7±0.4 lb/ft ³
Tensile Strength	10 psi (0.069 MPa)
Thickness (in stock)	1/16", 3/32", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 3/4", 1"

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	Specification
Elongation	160 %
Shrinkage (158° F/ 4H)	±10 % (After 24H)
Compression Set 25%	10 %
Compression Deflection 25%	2.5 psi
Water Absorption	< 0.1 oz/ft ²
Temperature Range	-40 to +158 °F (-40 to 70°C)

While most of the potential hazards are identified on the Safety Data Sheet (SDS), certain risks may not yet be identified. Custom Gaskets Ltd. shall not be held liable for direct, indirect, incidental, or consequential damages arising from the use of this information or any Custom Gaskets Ltd. products. Users are responsible for obtaining and implementing any updates or clarifications based on new information.