

Prime COR-X[®] PE

Our COR-X PE has been the material of choice by fabricators in a variety of industries.

Strong and durable, ideal for outdoor applications.

Customization

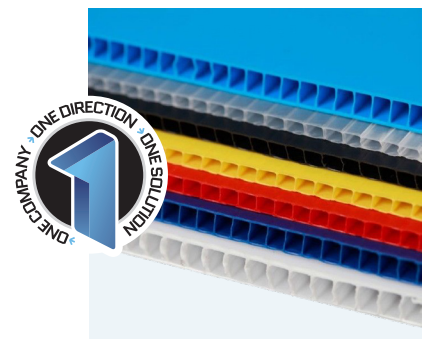
Our Prime Cor-X PE material is made of FDA compliant polyethylene and offered in gauges of 2mm to 5mm. It can be customized to meet specific applications and is also offered as a part of our ReCycled product line.

Prime Cor-X PE is available in standard colors as well as custom color matching through our vertical integration with Primex Color, Compounding & Additives.

Sustainability

Sustainability includes considering the product's circularity or end of life during the design of the finished product. Prime Cor-X PE is a polyethylene (recycle code 2) that can be recycled as a post-industrial or post-consumer product. Contact your Primex Territory Business Manager or check with local recycling facilities to determine where it is collected and recycled.

Primex Sustainability: A better tomorrow, starting today!



Prime COR-X[®] PE | Data Sheet

Prime Cor-X PE is HDPE that is extruded into a corrugated configuration that provides relatively good stiffness. The surface can be corona treated so that it will accept inks for silk screening and other types of printing.

Applications

Totes, boxes, and automotive dunnage are just a few of applications that can be fabricated from this product. Prime Cor-X PE may also be used for silk screen. It is tougher than cardboard, can be reused, has proven durability, as well as moisture and chemical resistance.

Finishing

Prime Cor-X PE can be fabricated by drilling, routing, sawing, die and/or laser cut. Mechanical fasteners or sonic welding work well for joining this product together. Prime Cor-X PE was not designed to be thermoformed but does work well for fabricating.

Colors, Textures, and Capabilities

Our Prime Cor-X PE product is available in 2mm to 5mm and widths of up to 84". Prime Cor-X PE is available in cut sheet as well as rolls.

Property PE 4mm	Method	Units	Average
Board Weight	Primex	g/sqft	81
Board Weight	Primex	lbs/MSF	178
Board Weight	Primex	GCM	868
Compression Strength	Primex	lbf	261
Corner Crush	Primex	lbf	166
Edge Crush Test (ECT)	TAPPI	lbf	214

FDA and UL compliant materials available upon request.

Prime COR-X PE	Very High	High	Avg.
Impact Strength			*
Low Temperature Impact Strength	*		
Tensile Strength		*	
Flexural Modulus		*	
Heat Deflection Temperature			*