



Technical Data Sheet:

#PG-535

20mil (0.020") Gloss Clear PETG Sheet



PG-535 is a 20mil (0.020" or 0.508mm) gloss clear PETG (polyethylene terephthalate glycol) sheet and is protected by a fully recyclable polyethylene (PE) film. PETG is sometimes referred to by the brand name Vivak®. PG-535 has the advantages of being a highly cost-effective material in a range of applications. In addition, this clear plastic sheet is durable, tough, has good chemical resistance, high impact strength, weather/UV light resistance, offers good clarity and light transmission, and is easily formed, die-cut, and printed. PG-535 can be used in screen printing and UV-curable wide format digital printing. Common applications for PG-535 include: both indoor and outdoor applications including but not limited to covers, guards, electronics, medical braces, POP/retail signage, graphic displays, shelving, 3D printing products, and more. Please note that while PG-535 is naturally clear, you may choose to add pigments yourself in order to obtain a wide range of tints and colors. For questions regarding cleaning and handling of this product, refer to the relevant sections below.

Product Number	#535
Film	
Sheet Type	Clear Polyethylene Terephthalate Glycol (PETG)
Finish	Gloss
Sheet Thickness (mils)	20.0
Liner / Protective Film	
Liner Type	Polyethylene (PE) Film (fully recyclable)
Environment	
Outdoor Durability	1 year
Applications	
✓ POP/Retail	✓ Screen Printing Applications
✓ Outdoor & Indoor	✓ 3D Printing, Shelves, & More

Cleaning & Handling Notes:

Cleaning: Our PETG plastic sheets are produced in a clean-room environment and should not need to be cleaned before use. Should you need to clean your PETG plastic sheets for any reason, clean with warm soapy water (mild detergent only) and a soft cloth. A solution of 50:50 IPA and water should also work. Sponges, squeegees, brushes, and sharp instruments will likely damage the protective UV coating or cause scratches in the sheet surface.

Handling: PETG can be cut, sawn, drilled, milled, and bent easily using standard workshop equipment for wood or metal. However, it is always recommended to use specific tools specifically designed for plastics. Note that cold bending this product more than 2.5mm will likely cause high stress levels, which may lead to part failure. When cold bending, use the general recommendation of radius equals 100 x thickness of sheet.