



Technical Data Sheet:

#PG-574

3/16" (.177) Gloss Clear Polycarbonate Sheet (w/ Protective Masking Film)



PG-574 is a 0.177in (4.5mm) gloss clear polycarbonate sheet and offers a good balance of clarity, impact resistance, and rigidity. This product is protected by a protective masking film on both sides. Polycarbonate is sometimes referred to by one of its common brand names: Lexan®, Tuffak®, Monogal®, or Makrolon®. Polycarbonate is known for its high impact resistance, excellent machinability, and good light transmission. Common applications for 0.177" polycarbonate include: 1. machine guards and equipment shields for medium to high impact protection in factories, shops, and labs including: CNC enclosures and laser cutter windows; 2. security glazing for schools, retail stores, and public areas; 3 storm panels and weather shields; 4. safety partitions and barriers including reception desk guards, industrial sneeze guards, and protective screens; 5. enclosures for electronics or equipment such as display cases, equipment panels, or solar gear housing; 6. vehicle and RV window replacements including side windows, cabin enclosures, and instrument panel covers; 7. greenhouses walls and roofing, and 8. riot shields and protest barriers. Its shatter resistant material can be cut and drilled with standard tools without the risk of cracking. Polycarbonate also offers excellent optical clarity making it great for applications where viewability is desired. As a better insulator than glass, polycarbonate can help to lower energy costs. Please note that the 0.177" thickness is not intended for certain applications where extreme force will be applied to the polycarbonate. To ensure desired results when using this product, research what thickness would be appropriate to suit your needs.

Product Number	#574
Film	
Sheet Type	Clear Polycarbonate
Finish	Gloss
Sheet Thickness	0.177in / 4.5mm
Liner / Protective Film	
Liner Type	Masking Film
Environment	
Outdoor Durability	3-10 years (depending on exposure, climate, and installation method)
Applications	
✓ POP/Retail Signage & DIY Projects	✓ Protective Barriers, Display Panels, & More
✓ Outdoor & Indoor	✓ General Signage