



# Technical Data Sheet:

## #PG-579

**1/4" (.220) Gloss Clear Lexan® MR-10  
Scratch, UV, & Abrasion Resistant  
Polycarbonate Sheet (w/ Protective  
Masking Film)**



PG-579 is a 0.220in (5.6mm) gloss clear MR-10 scratch, UV, & abrasion resistant polycarbonate sheet (with a protective masking film). Polycarbonate is sometimes referred to by one of its common brand names: Lexan®, Tuffak®, Monogal®, or Makrolon®. PG-579 combines the strength of a traditional Lexan-style polycarbonate sheet with a unique abrasion/UV resistant surface that approaches glass in performance. PG-579 has the benefits of being graffiti resistant, enabling restoration to a like-new condition, and has improved resistance to weathering as well as forced-entry protection. Common applications for PG-579 include: 1. glazing and window protection such as those in schools, hospitals, transit stations, and detention centers; 2. machine guards and industrial barriers; 3. vandal-resistant retail and public fixtures; 4. riot shields, guard booths, and partition windows; and 5. greenhouses, enclosures, and outdoor signage. Please note that due to its mar-resistant coating, we do not recommend that this product is cold-formed.

| Product Number                                  | #579   |
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| <b>Film</b>                                     |  |
| Sheet Type                                      | Clear MR-10 Scratch-Resistant Polycarbonate                          |
| Finish  | Gloss  |
| Sheet Thickness                                 | 0.118in / 3.0mm  |
| <b>Liner / Protective Film</b>                  |  |
| Liner Type                                      | Masking Film   |
| <b>Environment</b>                              |  |
| Outdoor Durability                              | 5-15 years (depending on exposure, climate, and installation method) |
| <b>Applications</b>                             |  |
| ✓ Greenhouses, Enclosures, & POP/Retail Signage | ✓ Glazing, Protection, Riot Shields, & Graffiti Resistant            |
| ✓ Outdoor & Indoor                              | ✓ General Signage  |