

# Duralan™ II

## Custom Sized Screen Protectors

### Custom Sized Screen Protectors for Touchscreens and LCDs



#### Customer Value Proposition:

Duralan II Custom Screen Protectors are designed to protect LCD touchscreen displays from scratching and damage. They are for use on a wide range of touchscreen devices from resistive to projective capacitive up to 80" (203.20cm) diagonal in size. These thin film protectors are especially effective for use on handheld mobile devices that undergo constant handling and wear, such as inventory management, field data collection equipment, and point of sale kiosks. Damage to the signature pad on Pen input based touchscreens is reduced by use of our protective material, extending the life of the signature pad.

Parker Chomerics' screen protectors are cut to the desired size with a release liner assembled to the adhesive side. Fully removable after use, the screen protector leaves no residue on the touchscreen surface. Screen protector surface options are clear, anti-glare, anti-reflective, and anti-reflective/anti-glare. All are hard coated for durability.

For sizes 10.4" (264.16mm) and below, two adhesive options exist: full coverage, removable self-wetting adhesive (similar to a mobile phone screen protector) and removable perimeter border adhesive. The advantage of the full coverage self-wetting adhesive is that it maximizes light transmission and provides a smooth screen protector.

Removable perimeter border adhesive has the advantage that the application of the protector film is easy and bubble free by simply peeling the release liner and positioning. The perimeter border works well on resistive touchscreens and larger sizes above 10.4" (264.16mm) that require a low skill field replacement of the screen protector. The screen printed perimeter border adhesive can be customized in size and location for custom applications.

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#### Product Features:

- Custom sizes for devices used in industrial, military or medical applications
- Surface: clear, anti-glare, anti-reflective, and anti-reflective/anti-glare
- Bubble-free design
- Easy to clean or wipe down
- Adhesive: Full coverage removable selfwetting adhesive or removable perimeter border
- Projective Capacitive Touchscreen Compatible
- Perimeter border for Resistive Touchscreen Compatibility
- Clear Image for maximum screen resolution
- Material: thin plastic film

#### Typical Applications:

- Public Information Displays
- Information kiosks, tourism displays, trade show displays, and other electronic displays
- Point of Sale Retail and Restaurant Systems
- Cash registers, order entry stations, seating and reservation systems
- Customer Self-Service
- Automated bank teller (ATM) and airline e-ticket terminals are examples of self-service stations that can benefit from touchscreen input
- Control and Automation Systems

# Screen Protector Properties

## Standard Tolerance:

- ± 0.015" (0.381mm) Die cut
- ±10% Thickness

Custom tolerances available upon request

## Maximum Sizes:

Full Coverage Removable Adhesive Maximum:  
13" x 22" (330 mm x 559 mm)

Thickness 0.005" (0.12 mm)

Perimeter Border Removable Adhesive Maximum:  
48" x 96" (121.92cm x 243.84 cm)

Thickness 0.007" (0.17 mm)

## Design Guide (Please choose from the following options):

1. Front Surface Options:
  - Clear Hardcoat
  - Anti-glare
  - Anti-reflective
  - Anti-glare/Anti-reflective
2. Rear Surface Options:
  - Full Coverage Removable Adhesive (<10.4" or 264.16mm)
  - Perimeter Border Removable Adhesive

|                                | Feature   | Clear  | Anti-glare (AG) | Anti-reflective (AR) | Anti-Reflective/Anti-glare (AR/AG) |
|--------------------------------|---|--------|-----------------|----------------------|------------------------------------|
| <b>Physical Specifications</b> | Easy Removal  | Yes    | Yes             | Yes                  | Yes                                |
|                                | Touchscreen Protection  | Yes    | Yes             | Yes                  | Yes                                |
|                                | Reduced Reflections   | No     | No              | Yes                  | Yes                                |
|                                | Easy of cleaning  | Yes    | Yes             | Yes                  | Yes                                |
|                                | Chemical Resistance – Bleach, MEK, IPA, Acetone, window cleaner, motor oil, soda, coffee, water insoluble marker, water | Yes    | Yes             | Yes                  | Yes                                |
| <b>Optical Specifications</b>  | Reflection  | 4%     | 4%              | 1.9%                 | 1.5%                               |
|                                | Transmission  | 92%    | 94%             | 96%                  | 96%                                |
|                                | Haze  | 2.0%   | 20%             | 0.60%                | 2.5%                               |
|                                | Clarity   | >99.9% | 40%             | >99.9%               | 80%                                |

## Screen Protector Options

|                                     | <10.4" (264.16mm) | >10.4" (264.16mm) | Compatible with Projective Capacitive (P-Cap) Touchscreen | Compatible with Resistive Touchscreen |
|-------------------------------------|-------------------|-------------------|---|---------------------------------------|
| Clear                               | Yes               | Yes               | Yes   | Yes                                   |
| Anti-Glare (AG)                     | Yes               | Yes               | Yes   | Yes                                   |
| Anti-Reflective (AR)                | Yes               | Yes               | Yes   | Yes                                   |
| Anti-Reflective/Anti-glare (AR/AG)  | Yes               | Yes               | Yes   | Yes                                   |
| Full Coverage Removable Adhesive    | Yes               | No                | Yes   | No                                    |
| Perimeter Border Removable Adhesive | Yes               | Yes               | Yes   | Yes                                   |

[www.parker.com/chomerics](http://www.parker.com/chomerics)

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