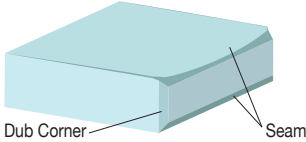


# DawarTouch® Projected Capacitive Cover Lens

## Edge Profile Options



Pencil Ground or Pencil Polished Edge.  
(recommended for front mount integration)



Cut and Seam, Dub Corners Optional (Shown with Dub).  
(recommended for rear mount integration)

Dub Corner Seam

## Glass Lens - Available Material Options

Type	0.7mm	1.1mm	1.9mm	3.0mm
AG90 / AG95 (1S) AG120 (1S)	NCS NCS	Stock (LS) Stock (LS)	Stock (LS) Stock (LS)	NCS (LS) Stock (LS)
Soda Lime	Stock	Stock	Stock	Stock
Gorilla Glass	Stock	Stock	Stock 2.0mm	N/A
Dragon Trail	Stock 0.8mm	Stock	N/A	N/A
Chem Strengthened	Yes	Yes	Yes	Yes
Fully Heat Tempered	N/A	N/A	N/A	Yes

- NCS = Not currently in stock. These items are available but not a regularly stocked item, MOQ's may apply.
- LS = Low Sparkle / 1S = 1 Sided
- AR Coatings and Oleophobic Coatings (Anti-Smudge) available.
- If there is a glass type or thickness that you are interested in and it is not listed above, please inquire.

## Glass Lens – Strengthening Process Descriptions

### Chemically Strengthened (“Chem Tempering”) –

Strengthening process recommended for glass that is 2.3mm thick and under. The Chemical Strengthening process is an ion surface exchange between sodium and potassium and provides strength and thermal resistance to thin glass. Unlike heat tempering, the chemical strengthening process does not introduce optical distortion. Chemical Strengthening will make thin glass around 2.2 X's stronger or more depending on material.

### Heat Strengthened –

During the Heat Strengthening process air is blown onto the surface of the glass and does not cool as fast as full Heat Tempered Glass. The Heat Strengthening process will make the glass around 3 X's stronger.

### Fully Heat Tempered -

Heat Tempering increases the strength and thermal shock resistance of soda lime glass. Optical distortion is inherent in processing. Fully tempered glass is also called safety glass because it will dice into small particles when broken. Only Soda Lime and Low Iron glass can do all three, the thinnest Soda Lime can fully dice is 0.118”.

- Thinner glass does not temper as strong as thicker glass since thicker glass has a slower thermal gradient which allows the inside to stay hotter longer.
- Full Heat Tempering will make glass around 5 X's stronger.
- Only available on glass that is  $\geq 0.118$ ” thick.

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For more detailed information about the full line of DawarTouch® products, go to [www.dawar.com](http://www.dawar.com) or call us at 1-800-366-1904.