

**Overview:**

Corning® Gorilla® glass is an alkali-aluminosilicate thin sheet glass that is better able to survive the real-world events that most commonly cause glass failure. With its new core composition, this glass enables improved damage resistance and toughness by helping to prevent the deep chips and scratches that cause glass to break.

**Features and Benefits:**

- Enhances retained strength after use.
- High resistance to scratch and sharp contact damage.
- Superior surface quality.

**Material Properties:**

Modulus of Elasticity (Young's)	10.2 x 10 <sup>6</sup> psi	69.3 GPa
Modulus of Rigidity (Shear)	4.1 x 10 <sup>6</sup> psi	28.5 GPa
Poisson's Ratio	0.22	0.22
Refractive Index	1.51	1.51
Knoop hardness	591	591
Density	149 lb/ft <sup>3</sup>	2390 kg/m <sup>3</sup>
Softening Point (ASTM C 338)	1652°F	900°C
Annealing Point (ASTM C 336)	1162.4°F	628°C
Strain Point (ASTM C 336)	1065.2°F	574°C

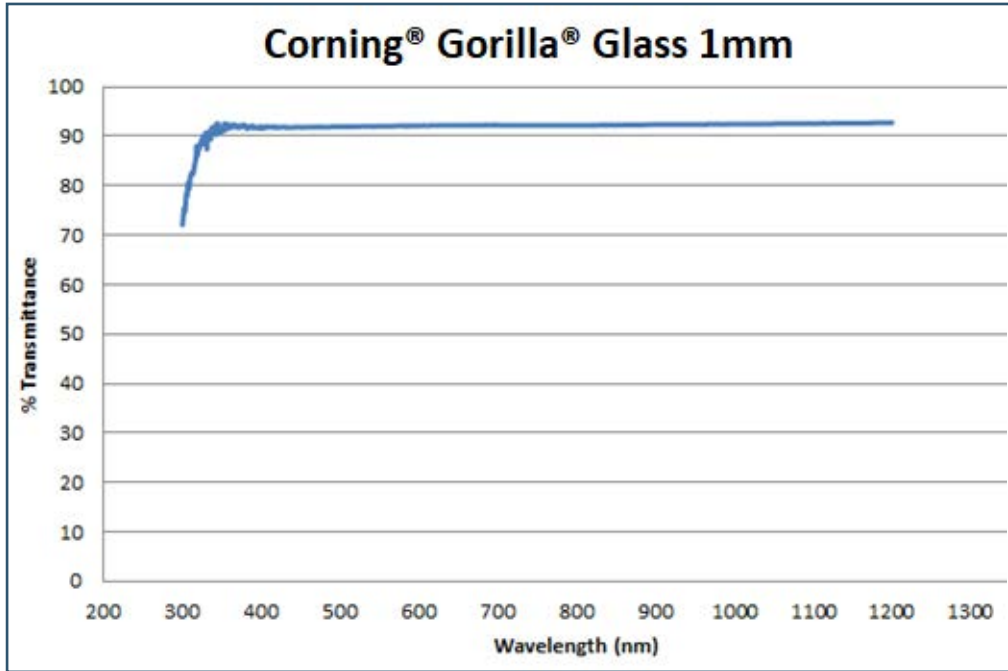
**Dimensions of Standard Products**

Thickness	0.015" to .078"	0.4 mm to 2.0 mm
Stock Sizes	74" x 59"	1879.6mm x 1498.6 mm

# Corning® Gorilla® Glass Data Sheet

Performance Data: (data collected on 1.0mm thickness)

## Transmission Curve



## Reflectance Curve

