



# GE SilPruf® SCS2000

## Protective Glazing Silicone

**GE Silicones** offers a variety of neutral curing structural silicone adhesives and since 1974 *SilPruf*® family of products has been designed for and used in both conventional structural and non-structural glazing applications on thousands of projects worldwide.

**In the past decade** both natural and man-made events have driven the implementation of enhanced glazing requirements for systems designed to mitigate the effects of hurricane, seismic, and blast loading, among other types. In response to this “raising of the bar”, GE has tested and validated its *SilPruf*® SCS2000 product in a variety of applications proving its worthiness as a single-component neutral-curing structural silicone applicable for use in systems designed and/or intended to resist impact or seismic loads.

**SilPruf**® SCS2000 has physical properties that provide a *balanced combination* of high tensile strength (340 psi), high tear strength (77 ppi), and high elongation capacity (715%) to absorb the energy imparted into a system from impact or other non-typical loading. SCS2000 provides the same long-term stability proven by other GE Silicone products over the course of the past 40 years.

### Characteristics

Movement Capacity (ASTM C719)	+/-50%
Working Time	20-30 minutes
Tensile Strength (ASTM D412)	360.6 psi
Shear Strength @ 1"x1"x 0.25"t	121.4 psi
Tear Strength (ASTM D624)	76.8 ppi
Ultimate Elongation (ASTM D412)	715 %
Modulus @ 25% (ASTM C1184)	31.0 psi
Modulus @ 50% (ASTM C1184)	47.0 psi
Fatigue Resistance	High
Specs: ASTM C920, Class 50 & ASTM C1184	

### Packaging & Colors

**SilPruf**® SCS2000 is packaged in standard 10.1 fluid oz. (299ml) plastic cartridges, 20.2 fluid oz. sausage packs, 2 & 5-gallon pails, or 55-gallon drums. Colors: White, Black, Light Medium & Dark Grey, Limestone, Precast White & Bronze.

