

Project 1™ Neutral Cure Silicone is a high quality, single-component, 100% silicone sealant providing a waterproof seal in many construction and industrial applications. Suitable for interior and exterior, use Project 1™ Neutral Cure as a sealing and bonding agent to fill spaces or make formed in place gaskets. It adheres to metal, glass, marble, tile, ceramic, porcelain, painted surfaces, non-oily woods, and rubber. Bonds to almost any clean, dry surface. Project 1™ Neutral Cure Silicone offers long-life reliability, exceptional adhesion, and excellent weatherability.

Typical Properties, As Supplied

Colors.....	Clear, White, Black, Almond
Specific Gravity at 77° (25°C).....	1.04
Extrusion Rate (3.18mm orifice, 90 psi air pressure)g/min.....	300-700
Flow, Sag, Slump.....	NIL
Application Temperature Range, °F (°C).....	-35 to 140(-37 to 60)
Tooling Time, Minutes.....	5-10
Tack Free Time, Minutes.....	15
Cure Time at 77°F (25°C) and 50% RH (3.18mm thickness)days.....	7-14

Typical Properties, As Cured (After 14 days)

Durometer Hardness, Shore A, points (ASTM D 2240).....	30
Tensile Strength, psi...(ASTM D412).....	230
Elongation , percent (ASTM D412).....	350
Peel Strength, pli (ASTM C 794).....	25
Temperature Range.....	
Continuous operating temperature, max.....	350°F
Intermittent operating temperature, max.....	550°F

Features and Benefits

- Primerless – can be used with many materials without the use of a primer
- Noncorrosive – will not react with or corrode common building materials
- Fast cure – 5 to 10 minutes tooling time and 15 minutes tack-free time
- Pleasant odor
- Excellent weatherability in sunlight, rain, snow, ozone, or temperature extremes
- Long-life reliability – the cured sealant stays rubbery from -62 to 177°C (-80 to 350°F)

Limitations:

- Project 1™ Neutral Cure Silicone is not recommended for use in applications involving:
- Below grade or in horizontal joints where physical abuse or abrasion is likely to occur
 - For structural silicone glazing applications
 - In totally confined spaces which lack atmospheric moisture
 - On surfaces that will be painted
 - On wet or frost-laden surfaces
 - On substrates that bleed oil or plasticizers
 - May discolor sensitive metals such as copper or brass; May stress-crack polycarbonate

Packaging:

Project 1™ Silicone is supplied in a 10.1oz (300ml) caulking cartridge, 5 gallon pails, and 55 gallon drums.

Warranty and Shelf Life:

Each application should be pre-tested for suitability of this product for the intended use. When stored in the original, unopened container at temperatures less than 90°F(32°C), Project 1™ Silicone is guaranteed for one year from date of purchase.

