



**6700 SERIES-100%  
NEUTRAL CURE SEALANT (Oxime Curing)**



**Project 1™ 6700 SERIES-100% NEUTRAL CURE SILICONE** is a high quality, single-component, 100% silicone sealant which provides superior adhesion to materials and surfaces where general purpose silicones fail. **Project 1™ Neutral Cure Silicone** exhibits superior adhesion, resists temperature extremes and UV deterioration. It will not react or corrode most metals or plastics. Use on bare metals, painted surfaces, glass, gel-coated surfaces, filon, vulcanized rubber, non-oily woods, polyurethane foam, PVC, and most plastic surfaces. Use it on masonry, brick, concrete, stone, vinyl siding, windows and doors. It is the perfect choice for general assembly manufacturing operations where superior adhesion and long term performance is required. Product will not yellow or discolor in exterior applications.

**TYPICAL PROPERTIES**

---

**Typical Properties As Supplied:**

Colors.....	Clear, White, Black, Aluminum Gray, Stone (Other colors may be supplied on request)
Specific Gravity.....	1.04
Extrusion Rate (1/8" orifice, 90 psi air pressure)grams / min.....	305
Flow, Sag, Slump.....	NIL
Application Temperature Range, F (C).....	-35 to 140(-37 to 60)
Skin-Over Time, Minutes.....	3-6
Tack Free Time, Minutes, at 77° F (25°C) and 50% Relative Humidity, Minutes....	14
Cure Time at 77° F (25°C) and 50% RH (.25 inch thickness) days.....	1-3

**Physical Properties As Cured:**

Durometer Hardness, Shore A, points (ASTM D 2240).....	33
Tensile Strength, psi...(ASTM D412).....	>175
Elongation, percent (ASTM D412).....	300
Peel Strength, ppi (ASTM C 794).....	20
Temperature Range:	
Continuous operating temperature, max.....	350°F
Intermittent operating temperature, max.....	550°F

**Features and Benefits:**

- Use in difficult jobs where general purpose silicones fail.
- Superior adhesion to vinyl doors, windows and siding.
- Superior adhesion to galvanized metals where most other products fail.
- Superior adhesion to masonry, brick, concrete, limestone and unfinished fiberglass.
- Perfect for concrete expansion joints in parking lots, driveways and highway construction.
- Superior adhesion to bare metals.
- Primerless – Can be used without the use of a primer.
- Non-corrosive – will not react with or corrode common building materials.
- Low 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
- Continuous water immersion.
- 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 natural stones, marble or granite, brass, copper, or other sensitive materials
- Paint will not adhere to Project 1 6700 Silicones. Paint first, then seal.

**Packaging:**

Project 1™ Silicone is supplied in a 10.1oz (300ml) caulking cartridge, 1 gallon pails, 2 gallon pails, 5 gallon pails, and 55 gallon drums. 3oz squeeze tubes available by special order.

**Cross Reference:**

Project 1™ 6700 Series is a direct replacement for Dow Corning 737 Silicone Sealant.  
Superior to: GE Silicone II.  
Better overall performance than NP1 sealants.

**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.