



## 1. PRODUCT NAME

Pro-Excel 100% Silicone Caulk

## 2. MANUFACTURER

SUPERIOR ADHESIVES & TOOLS  
8515 Brown St. Ottawa Lake, MI 49267  
CUSTOMER SERVICE  
1-888-398-6595  
superioradhesivesandtools.com

## 3. PRODUCT DESCRIPTION

Superior Excel 100% Silicone Caulk is a premium non-sag silicone formula offering professional workability, flexural strength and resistance to a broad spectrum of fungal, algal and bacterial growth. This product has good resistance to weathering, vibrating, moisture and extreme temperature changes and can be applied in sub-zero weather without loss of extrusion or physical property characteristics; effective to -50°F.

### DESCRIPTION

#### A. Uses

Designed for caulking and sealing around bathtubs, shower stalls, bathroom vanities, kitchen counters, sinks windows and doors. It can be used to for replacing ceramic tiles and any application that requires a permanently flexible waterproof seal that will withstand moisture, heat and vibration. Pro-Excel 100% Silicone Caulk cures to form a tough, rubbery solid upon exposure to moisture in the air and because it does not flow due to its own weight, the sealant can be applied overhead or on sidewall joints and surfaces without sagging, slumping, or running off. Suitable for clean metal, glass, ceramic, many plastics and most types of wood. Suitable for interior and exterior applications in both residential and commercial construction.

#### B. Features

- Interior and exterior
- Premium adhesion and non-sag or slump qualities
- Easy to tool and smooth
- Long lasting and flexible; ability to be submerged in water within 24 hours heat and vibration
- Non-staining and non-yellowing; UV light, stain, mold and mildew resistant
- Available in a variety of colors

#### C. Suitable Substrates

- Metal
- Glass
- Ceramic
- Many plastics
- Most types of wood

#### D. Packaging

10.5 oz. Colors: see current Superior Grout Chart

#### E. Shelf Life

12 months. Store off of the ground and protect from the weather conditions.

#### F. Limitations

Use caution; do not use on joints subject to heavy abrasion or wear. Install in an ambient temperature between 40° F and 90° F; do not apply when rain or freezing temperatures are expected. Protect from rain or exposure to water for 72 hours. Cooler weather and higher humidity will slow down cure time. Pro-Excel 100% Silicone Caulk can corrode or may not adhere to copper, brass (and copper-containing alloys), magnesium, zinc and galvanized metals (and other zinc-containing alloys).

**CUSTOMER SERVICE 1-888-398-6595**

Data Sheets are subject to change without notice. For latest revision, contact our customer service representatives or your local showroom.

#### 4. TECHNICAL DATA

##### Applicable Standards

ASTM C920

#### 5. INSTALLATION

All surfaces must be structurally sound and free of contaminants including oil, dirt, grease, paint, sealers or other chemicals and must be between 40° F and 90° F. Remove any residue from your surface prior to installation. Use in well ventilated areas and avoid breathing vapors.

##### DESCRIPTION

###### A. Application of Product

Clean tile and joints prior to installation. Allow surface to dry completely before application of caulk. Product is applied ready to use and flows from its container under pressure. Use masking tape to areas around joint where caulk should not appear to give you a straight line of caulk improving final appearance. Cut the nozzle at a 45° angle to desired size. Load cartridge into caulking gun and apply using steady, even pressure to completely bridge joint. Smooth caulk bead using a damp cloth or sponge before surface skins over.

###### B. Curing of Product

Cure times may vary due to temperature and humidity. Sections of up to 1/8" thick become rubbery solids in about 24 hours at room temperature 50% relative humidity. In applications where product may be partially or totally confined during cure, the time required for proper cure is generally lengthened by the degree of confinement; every application involving confinement should be thoroughly tested before production commences. Curing times increase with the thickness of the sealant. A 1/2" cross section, for example, may require 3 or 4 days for complete cure; the cure will have penetrated the outer 1/8" in about 24 hours.

For Bonding: Thoroughly clean and degrease metal and plastic surfaces. Rinse all surfaces, except plastic, with acetone. Rubber surfaces should be roughened with sandpaper, then wiped with acetone. Follow precautions given on the solvent container. Then apply caulk to prepared surfaces in a uniform thickness. Best adhesion is obtained with a 0.4 - 0.8 mm glue line. If used between two surfaces, put the second surface in place, using enough pressure to displace the air but not the adhesive. Let unit stand undisturbed at room temperature to cure.

For Sealing: The use of the product in sealing applications follows approximately the same step-by-step procedures as outlined for bonding application.

###### C. Cleaning

Clean tools with fresh water when caulk is uncured.

#### 6. AVAILABILITY

Available exclusively at The Tile Shop. Visit [www.tileshop.com](http://www.tileshop.com) to find your nearest location or call 1-888-398-6595 for more information.

#### 7. WARRANTY

#### 8. MAINTENANCE

Clean with neutral pH cleaners including Superior Grout & Tile Neutral Cleaner and Superior Anti-Bacterial Natural Stone Cleaner.

#### 9. TECHNICAL SERVICES

1-888-398-6595