

SILICONE SEALANTS

Submittal Information

Part No. 15201-15203
 Document No. SPEC15201
 Date 2024-5-28
 Revision 04

General Properties

Base Polymer: Silicone Rubber
 Applicable Surface Materials: Most Metals, Porcelain, Marble, Fiberglass, Most Plastics, Non-oily Surfaces ,etc.
 Applications: Air conditioners, Ducts, Furnaces, Refrigerators, Gutters, Access Doors, Window & door frames, etc.
 CARB Compliance: Compliant
 VOC Content: < 3% by weight, < 40 g/L
 Standards: TT-S-001543A Class A, TT-S-00230C Class A, ASTM C920 Class 25

Features

- Prevents mold and mildew growth, protecting against water damage.
- Offers superior flexibility and strong adhesion for durable seals in both exterior and interior projects.
- Does not discolor most metal finishes such as chrome, bronze, and nickel.
- Versatile use in various applications including air conditioners, ducts, furnaces, refrigerators, gutters, windows, and doors.
- Compatible with caulking guns for easy application.

Instructions

1. Eliminate old caulking.
2. Clean the surface, let the surface become dry.
3. Cut the tip of the nozzle/spout to the desired size at a 45° angle.
4. Apply with a caulk gun loaded into the cartridge.
5. Smoothing caulk.
6. Use a dry cloth to wipe off excess from the surface.
7. Please Wait about 5-10 minutes and pay attention to the adhesion of the sealants.

Limitations

- Do not paint. Please grasp the order of painting and applying sealant, and all painting work should be completed before applying sealant.
- Please note that this product may react with a small portion of metallic materials and cause corrosion of the metal and is not recommended for use on or near copper, brass, zinc, carbon steel, galvanized metal or magnesium.
- The sealant adheres well to most materials, but does not adhere well to Teflon-coated materials, PE (polyethylene) , PP (polypropylene) , or MMA (methyl methacrylate).



SILICONE SEALANTS INFORMATION SHEET		
PHYSICAL/PERFORMANCE PROPERTY	TEST METHOD	TYPICAL RESULT
Weight Per Gallon	Gardner Cup	8.75 +/- 0.25
Specific Gravity	Calculated	Approx. 1.04
Total Non-Volatile % Solids (Weight)	Computrac Analyzer	> 97.5%
Consistency/Appearance	Visual Observation	Smooth, Viscous Paste
Flash Point	Closed Cup	>200°F – Non-Flammable
Filler/Pigment	Known	Amorphous Fumed Silica
Base Polymer	Known	Proprietary Siloxane Blend
Shelf Life	Lab 50 °C Oven – Accelerated	Min. 12 months
Slump/Sag	Test Lab	0
Tooling Time (Working Time)	Test Lab	5-10 minutes
Tack Free Time	Test Lab	Approx. 20 minutes
Full Cure	Test Lab	24 hours
Storage Conditions	Test Lab	Original Container: 40°F to 90°F
Best Application Temperature	Test Lab	10°F to 100°F (-12°C to 38°C)
Service Temperature	Test Lab	-60°F to 400°F (-51°C to 204°C)

Item No.	Specifications	U/M	Std. Pkg.
15201	Silicone Sealant, 10.1 Oz Clear	EA	12
15202	Silicone Sealant, 10.1 Oz White	EA	12
15203	Silicone Sealant, 10.1 Oz Aluminum	EA	12
15201P	Silicone Sealant, 10.1 Oz Clear, 600/PK	PK	1
15202P	Silicone Sealant, 10.1 Oz White, 600/PK	PK	1
15203P	Silicone Sealant, 10.1 Oz Aluminum, 600/PK	PK	1