

TECHNICAL DATA SHEET

PRODUCT #
AC-11600 Series RTV SILICONE

Description:

AC-11600 series RTV Silicone is a high quality, single-component, 100% silicone sealant which contains no solvents or fillers. Perfect for exterior and interior sealing and caulking. It adheres to metal, glass, marble, tile, ceramic, porcelain, painted surfaces, non-oily woods, plastic, and rubber. It can be used as an adhesive for bonding surfaces together.

Typical Properties, as Supplied:

RTV:

Room Temperature Vulcanizing

Colors:

Clear, White, Black, Aluminum, Almond, Bronze, Blue

Specific Gravity at 25°C (77°F):

1.04

Extrusion Rate (3.18-mm orifice,

90 psi air pressure) g/min:

400

Flow, Sag, Slump:

NIL

Application Temperature Range, °C (°F):

-37 to 60 (-35 to 140)

Tooling Time, Minutes:

5-11

Tack Free Time, Minutes:

10-20

Cure Time at 25°C (77°F) and

50% RH (3.18-mm Thickness), hrs:

24

As cured – 7 days @ 25°C (77°F) and 50% RH

ASTM D 2240 Durometer Hardness

Shore A, point:

27

ASTM D 412 Die C Tensile Strength,

MPa (psi):

4 (350)

ASTM 412 Die C Elongation, Percent:

600

ASTM D 746 Brittle Point, °C (°F):

-62 (-82)

Peel Strength, ppi:

20

Temperature Range °C (°F):

-65 to 260 (-85 to 500)

AC-11600 SERIES COLOR GUIDE

PRODUCT NUMBER	COLOR
AC-11601	Aluminum
AC-11602	Black
AC-11603	Blue
AC-11604	Bronze
AC-11605	Clear
AC-11607	White
AC-11609	Almond

Specifications:

Meets the following specifications: USDA for use in federally inspected meat and poultry plants, F.D.A. reg. #21 CFR 177.2600, TT-S-001543A (COM-NBS) Class A, TT-S00230C (COM-NBS) class A Mil-a-46106B Amend. 3, Type 1. And Canadian 19-GP—MA type 1. UL Listed. Conforms to NSF standard 51.

Limitations:

Project 1 Silicone Adhesive/Sealant is not recommended for use in applications involving

- Structural silicone glazing
- Prolonged water immersion
- Porous surfaces, such as masonry
- Materials that bleed oil or solvents
- Surfaces to be painted...conventional paints will not adhere

Packaging:

Project 1 Silicone Adhesive/Sealant is supplied in a 10.1 oz (310ml) caulking cartridge, 2.5 oz (75 ml) squeeze tubes, 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 32°C (90°F), RTV Silicone Adhesive/Sealant is guaranteed for one year from the date of purchase.