



PRODUCT INFORMATION

BOSS® 322 100% RTV Silicone Sealant

TYPICAL PROPERTIES

Uncured

Colors clear, white, black, aluminum, bronze and almond
Specific Gravity @77°F (25°C) 1.01-1.04
Extrusion Rate (1/8-inch orifice, 90 psi air pressure)
gms/min 350-400
Flow Rate (sag or slump on 1/8 X 4-inch bead, in NIL
Tack-Free Time at 77°F (25°C) and 50% RH, min 10-20
Cure Time at 77°F (25°C) and 50% RH
(1/8-inch thickness), hours 24

Cured - Physical

ASTM D 676 Durometer Hardness, Shore A, points 30
ASTM D 412 Tensile Strength psi (MPa) 350
ASTM D 412 Elongation, percent 500
ASTM D 746 Brittle Point, degrees -100°F (-73°C)
ASTM D 2137A Volume Coefficient of Thermal Expansion,
32°F to 212°F (0°C to 100°C) 9.3 X 10⁻⁴

*Information on this data sheet is subject to change without notice and should not be used for writing specifications.
For additional information on specific applications, contact Accumetric, LLC



DESCRIPTION

BOSS® 322 100% RTV Silicone Sealant is a paste-like, one-component material which cures to a tough, rubbery solid when exposed to moisture in the air. Since it will not flow of its own weight, this sealant can be applied overhead or on sidewall joints and surfaces without sagging, slumping or running off. It will adhere to clean metal, glass, most types of wood, silicone resin, vulcanized silicone rubber, ceramic, natural and synthetic fiber, as well as painted and many plastic surfaces.

BOSS® 322 100% RTV Silicone Sealant has good resistance to weathering, vibration, moisture, ozone and extreme temperatures. It may be applied in sub-zero weather without loss of extrusion or physical property characteristics. Fully cured BOSS® 322 can be used for extended periods at temperatures up to 450°F (232°C), and for shorter periods as high as 500°F (260°C). Tests have shown that even after two months at 450°F (232°C), or up to one week at 500°F (260°C), the sealant remains rubbery.

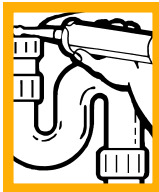
BOSS® 322 is available in a variety of colors including clear, white, black, aluminum, bronze and almond.

USES

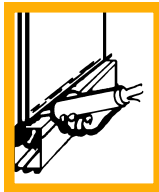
- Glazing sealant
- Construction sealant
- Windshield and backlite replacement
- One-part sealant capable of ±25% joint movement
- Sealing trailers, truck cabs
- Filleting and caulking joints in sheetmetal stacks, ductwork and equipment housings
- Adhering auto and appliance trim, including metal, fabric and fabric-backed plastics
- Sealing of marine cabins and windows
- Bonding signs and sign letters
- Bonding gaskets in heating and refrigeration units
- Formed-in-place gasket for gear boxes, compressors, pumps



Windows



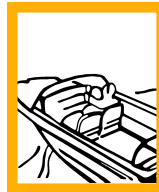
Plumbing



Metal Channels



Store Fronts



Boats



Automobiles