

NOVAGARD[®]

SILICONES

RTV 700-174

Specification Data

DESCRIPTION

RTV 700-174 is a silicone tile adhesive with exceptionally high green strength. This non-corrosive, single-component silicone sealants will cure upon exposure to atmospheric moisture, at room temperature, to a solid rubber.

FEATURES & BENEFITS

- Single component
- Quick "grab" adhesion
- Room temperature curing
- Solvent free formulation
- No corrosive byproducts

APPLICATIONS

Specially formulated for bonding ceramic tiles, this low-odor material requires no mixing, and cleans-up with soap and water, which facilitates ease of application. When exposed to atmospheric moisture RTV 700-174 cures to a rubber-like solid, which develops tenacious adhesion to most common pool and spa substrates including: ceramic tile, wood, metal, glass, masonry and fiber glass. May also be used for bonding fiber optic panels, valves, jet handles and other spa components.

INSTALLATION

As with all single component materials, work-life and cure times of RTV 700-174 are dependent upon environmental conditions such as temperature, humidity and application thickness. Adhesion should be checked on small samples prior to full scale production.

STORAGE

Novagard[®] RTV 700-174 may be stored in the original unopened containers at, or below, 75° F for up to one year.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Grey Paste
Extrusion Rate	Novagard 10-10-50	50 gm/min minimum
Slump (Flow)	ASTM D2202	0.3" maximum
Skin Time	3/8" @ 50%RH & 77F	15 minutes maximum
Through Cure	1/8" @ 50%RH & 77F	4- 16 hours

PRECAUTIONS

Consult and obey all applicable local, state and federal regulations for disposal of solvent and silicone waste. For additional information consult product M.S.D.S.

ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy and safety.

AVAILABILITY

Novagard[®] RTV 700-174 High Grab Silicone Tile Adhesive is available in 10.3 oz. Cartridges.

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Tensile Strength	ASTM D412	200 - 300 psi
Elongation	ASTM D412	200 - 300 %
Shore Hardness	ASTM D 2240	40 minimum
Specific Gravity		1.13
Adhesion		
Glass		12-15 pli
Aluminum	ASTM D 903	10-14 pli
Lexan [®]		12-15 pli

*The values outlined reflect testing that was conducted on laboratory prepared specimens, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

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Form Name
 10-D2-RX7174

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