

NOVAGARD[®] SILICONES

Silicone Tile Grouts Specification Data

DESCRIPTION

Novagard[®] Silicone Tile Grouts are non-corrosive, single-component, non-flowable, high-solids, paste products. Novagard[®] Silicone Tile Grouts present an excellent balance between rate of cure, adhesion and physical properties. Lower odor than conventional acetoxycured silicones.

APPLICATIONS

Specially formulated for grouting the joints between ceramic tiles, this low-odor material has longer tooling properties and requires no mixing, which facilitates ease of application. When exposed to atmospheric moisture silicone grouts cure to rubber-like solids, which are mold and mildew resistant, and will not crack or drop out of joints. Develops tenacious adhesion to most common pool and spa substrates including: ceramic tile, wood, metal, glass, masonry and fiber glass.

INSTALLATION

As with all single component materials, worklife and cure times of Novagard[®] Tile Grouts 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[®] Tile Grouts have a shelf-life of twelve (12) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below, 75°F.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Colored pastes
Viscosity	Brookfield #7 @ 10rpm	1500-3700 poises
Skin Over Time	3/8" @ 50%RH & 77F	10-30 minutes
Through Cure	3/8" @ 50%RH & 77F	24 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. Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine or peroxides. Not recommended for surfaces that are to be painted.

STANDARD COLORS

RTV700-164 = White RTV700-165 = Grey RTV700-166 = Tan
RTV 700-171 = Black

AVAILABILITY

Novagard[®] Silicone Tile Grouts are available in 10.3 oz. Cartridges.

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.

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.00 – 1.05
Tensile Strength	ASTM D412	140-160 psi
Elongation	ASTM D412	400-500%
Tear Resistance	ASTM D 624	20-25 pli
Shore Hardness	ASTM D 2240	20 ± 5
Adhesion Glass Aluminum Lexan [®]	ASTM D 903	12-15 pli 10-14 pli 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
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