

NOVAGARD[®]

SILICONES

Novaflex[®] M170

Specification Data

DESCRIPTION

Novaflex[®] M170 is a non-corrosive, single-component, oxime cured silicone sealant and/or adhesive. A non-flowable, paste product, Novaflex M170 provides fast tack-free times and high green strength.

APPLICATIONS

As it is a faster curing version of Novaflex M150, M170 is ideal for applications that require quick cures and early green strength development.. M170 is a single-component, high-solids, low-odor material, which cures to a low modulus, flexible and durable rubber-like solid. M170 develops primerless adhesion to most common construction substrates, and the neutral cure is compatible with most materials.

INSTALLATION

As with all single component materials, worklife and cure times of M170 are dependent upon environmental conditions such as temperature, humidity and application thickness. Adhesion should be checked on small samples prior to full-scale production.

AVAILABILITY

Novaflex[®] M170 is available in 10.3 oz. cartridges, 5-gallon pails, and 55-gallon drums.

STORAGE

Novaflex[®] M170 has a shelf life of twelve (12) months from the date of manufacture when stored in the original, unopened container at, or below, 100°F.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Translucent paste
Viscosity	Brookfield #7 @ 10rpm	3500 - 7000 poises
Skin Over Time	3/8" @ 50%RH & 77F	4 - 7 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.

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	150-180 psi
Elongation	ASTM D412	500-600%
Tear Resistance	ASTM D 624	30-35 pli
Shore Hardness	ASTM D 2240	20 ± 5
Adhesion		
Glass		12-15 pli
Aluminum	ASTM D 903	10-14 pli
Wood		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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10-D2-MX170

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