

NOVAFLEX SILICONE

Joint Sealant

NovaFlex Joint Sealant is a high solid, low odor silicone sealant designed for sealing joints in highways, pavement, and parking decks.

- **Ultra-low modulus resulting in high movement capability**
- **Convenient single-component neutral cure**
- **Primerless adhesion to most concrete, metal, and asphalt substrates**
- **VOC compliant in all 50 states**
- **Non-corrosive**
- **Class +100/-50**

Applications: Sealing joints in traffic bearing concrete or asphalt pavement and parking decks, transverse contraction and expansion joints, and longitudinal, centerline, and shoulder joints. Joining pool coping to the surrounding stone, tile, or concrete pad/patio/deck.

Packaging: 20 oz sausages, 1 gallon pails, and 5 gallon pails



PRODUCT SPECIFICATIONS		
Physical Property	Test Method	Performance Range
Appearance		Paste (Pavement Gray)
Viscosity	Brookfield #7 @ 10 rpm	4,500 – 8,000 poises
Extrusion Rate	1/8" Orifice @ 50 psi	30 - 80 grams/minute
Skin Over Time	3/8" @ 50% RH & 77°F	30 - 40 minutes

TYPICAL PROPERTIES*		
Physical Property	Test Method	Typical Value
Specific Gravity		1.15 - 1.25
Tensile Strength	ASTM D412	170 - 220 psi
Elongation	ASTM D412	1,400%
Tear Resistance	ASTM D624	30 - 35 pli
Hardness (Shore A)	ASTM D2240	14 +/-5
Through Cure	3/8" @ 50% RH & 77°F	7 days
Service Temp		-40°F to 400°F (-40°F to 204°C)
Application Temp		-20°F to 160°F (-29°F to 71°C)
Adhesion Asphalt Concrete Metal	ASTM D903	70 pli 70 pli 70 pli
Joint Sealant Designation	ASTM C920	Type S Grade NS Class +100/-50

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



Scan to learn more!

NOVAGARD
Performance Silicones