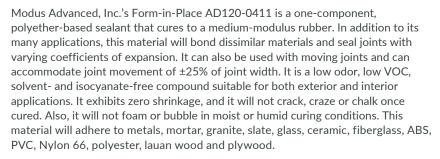
DATASHEET



FORM IN PLACE GASKETS AD-120-0411

POLYMERIC SYSTEMS SILI-THANE® 803 SEALANT



TYPICAL PROPERTIES (for information only- not for specification purposes)		
Property	Results	Test Method
Uncured Properties		
Skin-over time	30 minutes	ASTM C679
Cure time, 1/8 th bead	<24 hours	PSI S204
Sag	<0.1 inches	ASTM C2202
VOC Content	18 gms/L (0.15 lbs./gal)	-
Specific Gravity	1.7	-
Pounds/gallon	14	-
Extrusion rate @ 40 psi, 1/8" orifice	70 gm/min.	TT-S-000230C
Cured Properties - 7 days at 70°F (21°C) & 50% RH		
Hardness, Shore A	35	ASTM C661
Tensile at break	180 psi	ASTM D412
Tensile @ 100% elongation	80 psi	ASTM D412
Elongation at break	450%	ASTM D412
Service Temperature	-40 to 195°F (-40 to 90°C)	-
Peel to unprimed concrete, aluminum & glass	15 pli, 100% coh	ASTM C794
Lap shear on aluminum On steel	150 coh 150 coh	ASTM C794 ASTM 02002
Cured Construction Properties		
Durability (bond & cohesion) joint movement on glass, aluminum & concrete	±25%	ASTM C920
Sunshine weatherometer, 2000 hrs.	No appearance change.	



FEATURES AND BENEFITS

- One low-odor component
- No shrinkage
- Flexible over a wide temperature range
- Exceptional adhesion to many types of substrates, both wet and dry
- Will not shrink, crack, craze or chalk
- No foaming or bubbling in moist or humid curing conditions
- 20+ year life

APPLICATIONS

- Bonding dissimilar materials
- Sealing joints, including moving joints

METHOD OF APPLICATION:

· Automated dispensing equipment

ADDITIONAL PROPERTIES

• Color: Gray (also available in white, limestone, and black)

Not recommended for the following applications:

- Sealing expansion joints less than 1/4" wide
- Water immersion on porous substrates
- Immersion in organic solvents
- Use on non-primed glass under strong UV
- Painting in uncured state

CUSTOMERS ALSO SEARCHED:

form in place gasket liquid gaskets liquid gasket gasket tack form in place conductive form in place gaskets

dispensed gaskets dispensed gasket form-in-place Dispensed gasket conductive gasket liquid gasket paste gasket emi gasket conductive silicone gasket

conductive silicone emi silicone emi shielding gasket formed gasket electrically conductive gasket silver silicone nickel graphite silicone

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