



**THE DOW CHEMICAL COMPANY  
SALES SPECIFICATION**

**Date Printed:** 2022-02-11

**Effective Date:** 2020-03-31

**Supersedes Date:**

**Name:** DOWSIL™ 736 Heat Resistant Sealant

**Specification Number:** 000000506012

Shelf Life				
Container Type	Conditions of Handling	Conditions of Storage	Shelf Life	Deterioration Characteristics
All Approved Packaging		Store BELOW 32C/90F	900 Days	

**Government and Industry Standards**

MIL-A-46106, Rev B, Amend. 3 - Group I, Type I, Rev Date, 6/26/1992

Final Testing Requirements				
Test and Test Condition	Limit	Unit	Method	Note
Tack free time	25 Max	min	CTM0095	
Extrusion rate	220 — 460	g/min	CTM0364	
Flow	0.20 Max	inch	CTM0062	
Specific Gravity, RT/50% RH	1.010 — 1.070		CTM0097	
Non Volatile Content, 5g/70C/24h/Al Cup	92.0 Min	%	CTM0010	
Durometer, 3d/RT	20 Min	ShoreA	CTM0099	
Tensile, 3d/RT	220 Min	psi	CTM0137A	
Elongation, 3d/RT	350 Min	%	CTM0137A	
180 degree Peel Strength, Low Carbon Panel/SS Strips - 3d/RT	14.0 Min	lb/in	CTM0293	
180 degree Peel Strength, Aluminum Panel/SS Strips - 3d/RT	14.0 Min	lb/in	CTM0293	

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**External Notes**

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- 1 The silicone compound and primer shall have no adverse effect on the health of personnel when used for its intended purpose, and the personnel protection recommendations of the Material Safety Data sheets are followed.
- 2 Adhesion properties are not guaranteed without the use of the recommended primer

READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.