

# LAUR SILICONE

## LAUR AMS-68 FDA WHITE SILICONE RUBBER

### DESCRIPTION

Laur AMS-68FDA White Silicone Rubber has been compounded as a general purpose silicone. The material is catalyzed with 2,5-bis(tert-butylperoxy)-2,5-dimethylhexane peroxide, (Varox ® DBPH).

### PRODUCT FEATURE

Laur AMS-68FDA White Silicone Rubber has the following features:

Excellent Compression Set	Excellent Bonding (when used with a primer)
Good Heat Age Properties	Brittle Point -100 °F
Good Resilience	

### BONDING

An excellent bond can be achieved when used with a primer. Apply the primer according to supplier's directions. A layer of Laur 202 Silicone Rubber Dispersion may aid bonding in difficult applications.

### TYPICAL PROPERTIES

Material	AMS-68 FDA		ZZ-R-765B	AMENDMENT 1
	White	AMS 3304	CLASS 2 A	CLASS 2B
Durometer, A-2	69	70 ± 5	70 ± 5	70 ± 5
Tensile, psi	1,350	800 min.	650 min.	650 min.
Elongation, %	300	125 min.	125 min.	80 min.
Tear B, ppi	100	50 min.	N/A	N/A
Specific Gravity	1.20	± 0.02	N/A	N/A
Compression set, %				
22 Hr. @ 347° F	6.7	20 max.	N/A	N/A
70 Hr. @ 302° F	7.0	N/A	40 max.	25 max.
Shrink, @ 340° F, %	3 - 4			
Resilience, %	57	N/A	N/A	N/A
Color	White	N/A	N/A	N/A

ALL SLABS MOLDED 10 MINUTES @ 340 °F

The properties listed here are typical values and are not intended to be used for writing specifications. For assistance in selecting a compound for a specific application, please contact our technical department.

### SHELF LIFE

When stored below 90 °F, this series of materials has a shelf life of 3 months from date of sale.

### FOOD GRADE STATUS

The components of Laur AMS-68 FDA White Silicone Rubber are listed in 21 CFR 177.2600. The regulation contains limitations on extractible, which apply to the finished fabricated article. For this reason, compliance with such limitations is the responsibility of the user.

### WARRANTY

Laur Silicone, Inc. warrants that its products shall meet Seller's specifications. This is Seller's sole warranty with respect to such products. Seller warranties of merchantability and fitness for any particular purpose are hereby disclaimed by seller.

AMS-68 FDA WHITE

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LAUR SILICONE, INC.  
4930 S. M-18, BEAVERTON, MICHIGAN 48612-9181

WWW.LAURSILICONE.COM

TELEPHONE 989-435-7400  
FAX 989-435-7707

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