

**SURGISEAL™ TOPICAL SKIN ADHESIVE
TEMPERATURE & HUMIDITY ANALYSIS**

Low Temperature Boundary

Test Type: Freezer
Parameter: Placed in freezer with a temperature range of -24°C/-11°F to -29°C/-20°F
Result: Lasted for at least 39 days

Conclusion: SURGISEAL may be exposed to temperatures as low as -29°C/-20°F for over a month without impacting performance.

High Temperature Boundary

Test Type: Accelerated Aging
Parameter 1: Placed in oven heated to 80°C/176°F to evaluate shelf life stability
Result: Lasts for at least 13 days

Parameter 2: Placed in oven heated to 40°C/104°F to evaluate shelf life stability
Result: Lasts for at least 6 months

Conclusions: SURGISEAL may be exposed to temperatures as high as 80°C/176°F for up to 13 days without impacting performance.

SURGISEAL may be exposed to temperatures as high as 40°C/104°F for up to 6 months without impacting performance.

Humidity

Test Type: Humidity Chamber
Parameter: Placed in humidity chamber at 22°C/71.5°F to 23°C/73.4°F at a range of humidity from 86% to 95%; remove at days 6, 12 and 19 to assess impact.

Results: Over the course of the 19 days, the viscosity increased slightly but did not exceed the acceptable range. The set time also remained in the acceptable range.

Conclusion: SURGISEAL may be exposed to humidity at 86%-95% levels over a short period without impacting performance.