

STAYDRY[®] H2-3000PSA

Hydrogen and Moisture Getter with Backing Adhesive

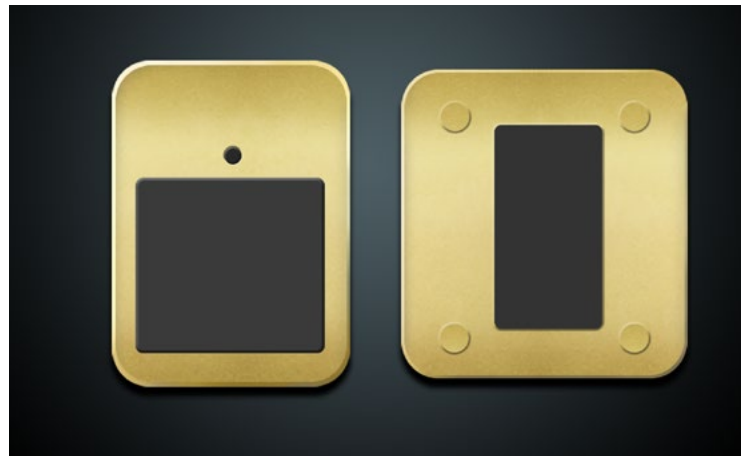
HYDROGEN GETTER

STAYDRY H2-3000PSA film is a unique getter, which employs an active hydrogen getter and desiccant for water absorption, dispersed in a flexible silicone polymer matrix. The high permeability of the polymer matrix to both hydrogen and moisture assures a rapid uptake of both gases. The getter operates through a reaction, which is irreversible for hydrogen. Therefore, there are no hazardous or problematic side effects, once absorbed these gasses are trapped, that can harm the device.

STAYDRY H2-3000PSA (Pressure Sensitive Adhesive) offers customers easier attachment, eliminating the need for additional dispense adhesive process, time and equipment. The STAYDRY H2-3000PSA film adheres to most substrates, including metals, plastic and glass. STAYDRY H2-3000PSA is also available in our “easy peel” format for custom preform size applications, supporting operator efficiency in clean room manufacturing environments.

KEY FEATURES

- Eliminates RV attach and primer process
- Eliminates squeeze out of RTV silicone
- Reduces ~ 16-24 hours of staging/curing and production time
- Meets MIL – STD 883 Method 5011 testing
- Passes ASTM E595 outgassing
- Standards thickness available: 8, 10, 20, 30 mil.
- Special thicknesses, custom preforms, and laser cut preforms are available upon request

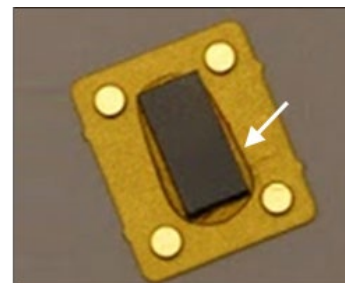
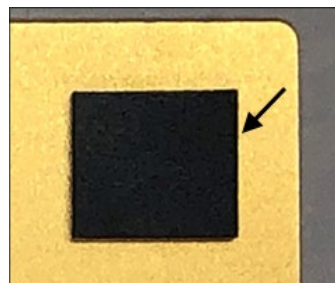


ACTIVATION CHART

Temperature ° C	Time(Hours)	Vacuum (mmHg)
125	24	<250
150	16	<500
175	4	<760

ASTM E595 SPECIFICATION TESTING

Sample	TML (%)	CVCM (%)	WVR (%)	Lot#
STAYDRY H2-3000	4.45	0.05	4.28	190527
STAYDRY H2-3000PSA	4.58	0.25	4.36	190812PSA



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