

Adsorbs gas harmful to cultural properties

GAS ADSORPTION SHEET



■ Superior Adsorption Performance

The concentration of acetic acid gas and ammonia gas that are harmful to cultural properties can be reduced and maintained. Furthermore, the sheet itself hardly emits any of the gas it adsorbed and contributes to maintaining an environment inside exhibition case.

■ Easy to Use

Since the sheet is as thin as 0.24 mm, it can be easily cut in any shape or size. A pair of scissors is all what you need.

■ Improvement at Low Cost

Since no large-scale construction or equipment is required, it is possible to easily take measures to protect cultural properties.

■ Flexible Adjustment

Using the adsorption sheets in layers enables to adjust the proper environment to the exhibits and the display duration.

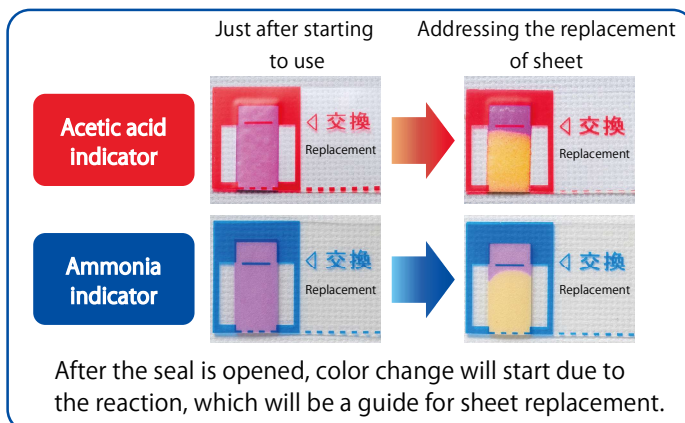
Just changing the number of sheets can adjust flexibly against the change of air environment.

■ PAT Certified

The safety of the sheet has been proven by the PAT (Photographic Activity Test; a test to determine the chemical influence on photographic materials that are more sensitive than paper materials).

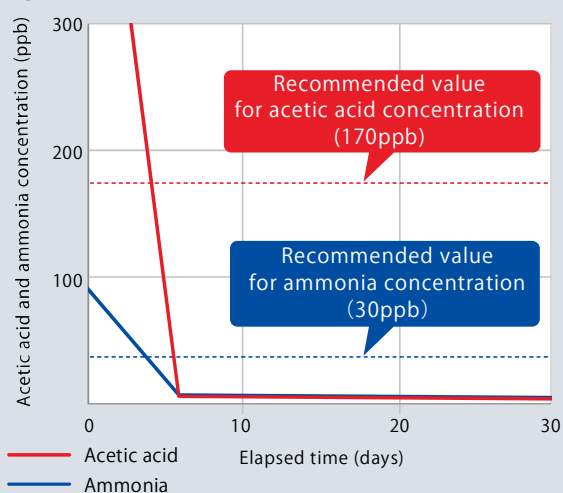
■ Management with Indicators

The sheet can be replaced before the gas adsorption effect disappears, making it easy to maintain and manage the improved environment.



Adsorption Performance

Elapsed time with concentration reduction against acetic acid and ammonia emission resources



Data proves that in only a week after installing the sheet dramatic improvement can be seen in an environment of high acetic acid and ammonia concentrations.

After the installation, for 100 days, we have confirmed that the recommended acetic acid concentration of 170 ppb and the recommended ammonia concentration of 30 ppb or less set by the Tokyo National Research Institute for Cultural Properties, Japan.

- * The graph is the result of an in-house test and does not guarantee performance. It varies depending on actual environmental conditions.
- * The initial concentration of acetic acid in this test is 500 ppb or more.

How to Use



It can be easily taken measures by laying the sheet under exhibits.



The sheet can be easily cut in any shape or size.

Specifications

	Gas adsorption sheet		Acetic acid indicator	Ammonia indicator
Model	GA-SS10	GA-SS30	GA-RS	GA-RA
Thickness	0.24mm		0.6mm	
Dimension	W0.95m × L10m	W0.95m × L30m	W43mm × L28mm	
Weight	Approx. 1.5kg	Approx. 3.0kg	Approx. 0.5g	
Storage	Store in cool and dark place		Store in a refrigerator (0°C to 10°C)	

* Please pay attention to the expiration date for use.

* It can be disposed of as combustible waste.

Specifications are subject to change without prior notice for quality and functional improvements.

Contact us

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