



3M™ Structural Bonding Tape 9214, 9263 and 9270

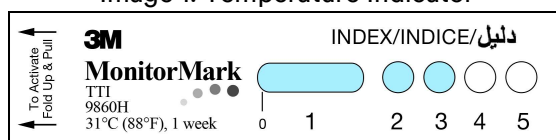
Mirror Button and Bracket Storage and Handling Guide

The following guide outlines the proper storage and handling of mirror buttons and brackets with 3M™ Structural Bonding Tape (SBT). Mirror buttons and brackets with prep-applied 3M SBT must be stored in a controlled environment to maintain optimal adhesion.

Shipping

- 3M recommends that all reels/boxes are shipped in a tote or on a full-sized pallet to prevent mishandling of individual reels/boxes.
- 3M™ Structural Bonding Tapes can withstand limited exposure to ambient temperatures without affecting the performance. To minimize the risk of prolonged heat exposure, temperature indicators, which turn color when exposed to temperatures above 88°F (31°C), are included with each shipment. If upon receipt, the fourth window or higher has any change in color, please contact your 3M technical representative to verify the material performance.

Image 1: Temperature Indicator



Storage and Shelf Life

- The shelf life is measured starting from the date that the material is shipped from 3M to the customer. The “Plant Ship Date” can be found on the destination label, which is located on the outside of the pallet or tote. Image 2 is an example of a destination label.
- The shelf life of 3M SBT is dependent on temperature and humidity over time. Shelf life will decrease with higher temperatures and/or higher humidity. When the tape is stored outside of these conditions, the tape gradually reacts and the performance of the tape is decreased. Cold storage can greatly enhance the shelf life. Please see Table 1 for the maximum shelf life at various storage conditions.

Image 2: Destination Label

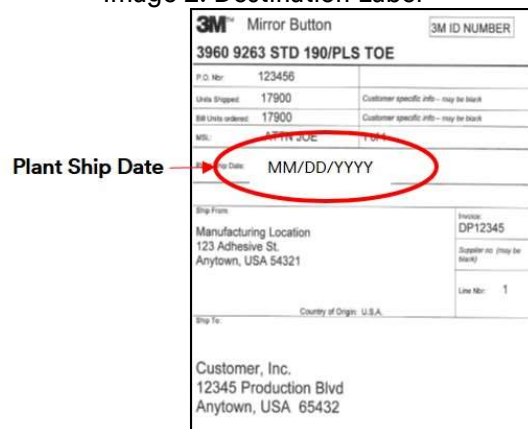


Table 1: 3M™ Structural Bonding Tape Shelf Life at Various Storage Conditions

3M Structural Bonding Tape	Storage Condition	Shelf Life
9214	11°C - 27°C (51°F - 82°F)	2 months
9263	≤10°C (50°F) or less	6 months
9270	11°C - 27°C (51°F - 82°F)	2 months
	≤10°C (50°F) or less	6 months

Storage and Shelf Life (continued)

Please note:

- We recommend storing product below 50% RH. When the tape is exposed to a high humidity condition (above 50% RH), the tape could absorb moisture, potentially affecting adhesive performance.
- Cold storage is recommended for storage of the taped parts. Return un-used taped parts in the original packaging to cold storage every day.
- Do not use parts that have exceeded their expiration date. 3M highly recommends using the “first in, first out” stock rotation method to help prevent quality problems due to expired material.

Handling

- 3M does not recommend testing the bonded parts with a non-destructive torque or load test. Such testing can fracture the bond and eventually cause a mirror button failure in the field or during hardware installation.
- The handling of packaged parts should be minimized in cold storage. Under cold storage conditions, the tackiness of the adhesive is reduced, making it easier for the parts to become dislodged on the liner if the packaging is dropped or similarly mishandled.
- Allow parts to come to room temperature in original packaging prior to handling or processing to minimize the formation of condensation on the adhesive.
- If a reel/box is dropped, it should be inspected for part misalignment prior to being used in production. At a minimum, the reel/box should be labeled that it was dropped or mishandled.

Safety and Regulatory

Observe proper handling precautions as outlined in the Safety Data Sheet (SDS), which is available on request. The website address for 3M SDSs is www.3M.com/msds.

Contact Information

The information provided in this technical document is intended as a guide for these products. For more information or help in selecting a 3M product, please contact your 3M technical service representative or call 1-800-328-1684.

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