



Jalite AAA Flexible PVC Tape - Use on Handrails

Conditions of Use for Jalite AAA Flexible PVC Material

Jalite AAA Thin Film PVC tape is intended to be installed in environments with a charging source of light. The luminance performance of the Jalite material will be affected by the type of light, amount of light, and duration of the light source that charges it. In order to properly charge, the light cannot be blocked from reaching the surface of the Jalite product so the Jalite products should be kept clean. Jalite products should NOT be subjected to harsh cleaning solutions or mechanical equipment; they should be cleaned by hand with a soft cloth and a mild rinseless cleaner, and immediately dried. Jalite AAA Flexible PVC products should be installed in environments that have a relatively constant temperature between 40°F–85°F and should not be subjected to continuous immersion in water for more than 24 hours.

Jalite flexible tapes are intended to be installed on clean, dry, smooth surfaces that have been properly primed with 3M Adhesive Primer (See Step 2 below). Jalite flexible tapes are not intended to be installed on uneven or textured surfaces (e.g. concrete block).

Products installed in stairwells shall be installed in stairwells intended for emergency evacuation only (i.e. stairwells that are not used as transit routes or main traffic routes).

For New York City installations, products shall be installed in locations according to the NYC Building Code RS 6–1.

Installation Instructions

Jalite AAA Thin Film PVC Tape needs to be installed carefully onto flat, smooth, clean surfaces. The aggressive adhesive used on this tape means once it is laid down, it should NOT be taken up and re-laid down. If an error is made during installation and the tape needs to be lifted up, cut and discard the lifted up section. To avoid such waste, it is important that you lay the tape down right the first time.

Step 1. Remove all loose paint and debris on the handrail where the product will be installed. Thoroughly clean the surface with whatever means are necessary to achieve a clean surface. Then wipe the surface with a clean cloth and denatured alcohol and allow it to completely dry.

Step 2. Using 3M Adhesive primer, apply the primer to the handrail where the product will be installed. Allow to dry (typically 5 minutes).

Step 3: Clean the surface and allow it to completely dry. Use Using two people, each take one end of the tape and unroll the length you intend to use. Only install the tape on straight sections of the handrail (see step 9 below).

Step 4. Cut the tape to size.



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Step 5. Remove the tape's peel off backing. You may want to only remove a portion of the backing if you are installing a long length of tape.

Step 6. Keeping the far end of the tape held high up off the surface of the handrail (1–2 feet), position and adhere the other end of the tape onto the handrail, making sure to line it up squarely on the handrail's top surface.

Step 7. The person on the far end of the tape should handrail surface so that there are no sags (but do NOT pull the tape tightly – you do not want to stretch the tape because, once installed, the stretched tape will want to shrink back to its original size, causing possible adhesion problems). The other person then carefully smooths the tape onto the handrail with a cupped hand, gliding down the handrail over the tape as the person on the far end slowly lowers their end until the tape is completely installed.

Step 8. Using a clean smooth rag, go over the tape's entire length two or three times, pressing firmly over its entire width. It is important that the tape is firmly pressed over its entire surface, especially on its outer edges, in order to achieve full adhesion.

Step 9. Gaps in the tape installation should occur where there are changes in direction (e.g. angles or turns on handrail.) Begin the end of the tape installation a short distance from the bend or turn. Up to 4" breaks in the "line" are allowed— it is better to have a break in the line than to have a tape edge that could come up.





Technical Specifications of Jalite AAA A Flexible PVC Material

Note that the Jalite AAA Rigid PVC warranted specifications listed below ensure that the product's physical characteristics will meet the New York City Building Code's RS 6-1 Standard during the warranty period.

Luminance Performance (Brightness Rating):

Test Standard: ISO 17398:2004, Warranted Brightness Rating
(2 foot candle 2 hour 4000-4200K charging light source): 10 minutes:
30mcd, 60 minutes: 7mcd, 90 minutes: 5mcd (Lab/Test Report: Intertek
Testing Services NA, Inc./ Project No. 3077455- 001, June 2, 2005)

Washability:

Meets ASTM D 4828-1994 (2003) a rating of 10 for all
6 types of soil and stains (Lab/Test Report: Professional Testing Inc./ No.:
095155 - 4/20/2005)

Toxicity:

Bombardier SMP 800-C Toxic Gas Generation - Does not exceed critical
concentration values (Lab/Test Report: The Govmark Organization, Inc. /
Project No.: 2-56721-0 - 4/26/2005)

Radioactivity:

ASTM D 3648-2004 -Found to be non-radioactive (all Jalite products are non-
radioactive) (Lab/Test Report: California Institute of Electronics and Materials
Science / Project No.: 850840592 - 4/28/2005)

Flame Spread:

ASTM E 162-2002 - Material passed, found to be self-extinguishing (Lab/Test
Report: California Institute of Electronics and Materials Science / Project No.:
850840592 - 4/28/2005)

Warranty *Jalite products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Jalite warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Jalite's satisfaction to have been defective at the time Jalite sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any obligations or liability on Jalite's part. Under no circumstances will Jalite be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Jalite's products.*