



Vehicle Channel Applicator Tool VCAT-2

Product Description

Use this tool to help conform heated film into channels commonly found on vehicle bodies.

Health and Safety

Before using this tool, read and following these important notes, cautions and warnings to ensure personal and mechanical safety.



WARNING

Physical Comfort

Any activity performed for a long period of time in an awkward position or with a high amount of force is potentially a risk for causing musculoskeletal strain, pain or injury. When applying graphics, follow these practices to improve comfort and avoid injury:

- Alternate your tasks during the application.
- Schedule regular breaks.
- Perform stretches or do exercises to improve circulation.
- Avoid awkward reaching.

Heat Sources

- Read, understand and follow the safety instructions contained in this 3M Instruction Bulletin and the heat gun manufacturer's manual.
 - Never use an open-flame heat source with the procedure described in this Bulletin.
 - Do not use heat sources near solvent mixtures or residues, or in areas where solvent vapors may be present at hazardous levels.
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CAUTION

- Before handling any chemical products, always read the container label and the MSDS.
 - Always provide adequate ventilation to remove emissions that may result from the use of heat. Failure to provide adequate ventilation can result in operator exposure.
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Important Note

High heat may degrade foam rollers and damage the substrate. Always direct the heat toward the film, not the foam roller.

Instructions for Use

Use the right film for the job.

Use the VCAT-2 tool with a heat gun capable of temperatures of at least 500°F.

Use Good Physical Form

For maximum comfort and effective use of the applicator, always:

- Grip the applicator as shown.
- Hold the applicator like it is an extension of your arm.
- Keep the applicator perpendicular to the surface.
- Keep your wrist straight during use.
- Use full arm movements.



Use tape primer. Use 3M™ Tape Primer 94 to reduce the lifting of graphics in deep or difficult vehicle channels.

Prevent trapping air. Always work toward an open edge through which the trapped air can escape. NEVER work from the edge to the center or from an open edge to a sealed edge, such as at a panel overlap.

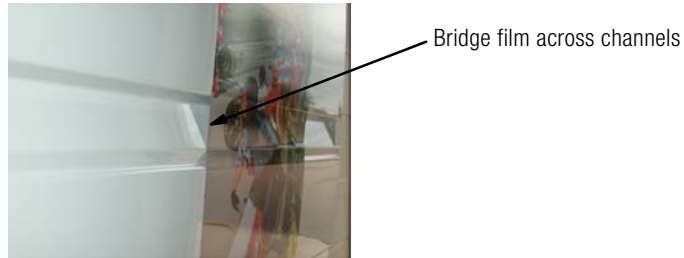
Don't move too quickly. The most common application error is moving too fast. Try moving at about 2 inches per second at first and adjust as needed.

Procedure

1. General tool technique: Use 3M tape primer 94 to reduce the lifting of graphics in deep or difficult vehicle channels. Push the bevel of the VCAT-2 tool firmly into the deepest angle of the vehicle channel.



2. Position the film so it bridges the vehicle channels. Apply the film to the flat areas above and below the bridge using normal application methods.



3. Start with a heat gun set to about 400°F. Direct the heat gun towards the graphic, just in front of the VCAT-2. Heat the film until warm (180°F)--about 2 seconds--and immediately begin rolling the film into the channel. Advance the tool along the channel at a rate of about 2 inches/second. Adjust the temperature and speed of application as you become comfortable with the use of the tool.



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3M Related Literature

Before starting any job, be sure you have the most current Product and Instruction Bulletins for each 3M product you are using. They are available at www.3Mgraphics.com.

3M

Commercial Graphics Division
3M Center, Building 220-12E-04
PO Box 33220
St. Paul, MN 55144-3220 USA
General Info. 1-800-374-6772
Technical Info. 1-800-328-3908
Fax 1-651-736-4233

3M Canada
P.O. Box 5757
London, Ontario
Canada N6A 4T1
1-800-265-1840
Fax 519-452-6245

3M México, S.A. de C.V.
Av. Santa Fe No. 55
Col. Santa Fe, Del. Alvaro Obregón
México, D.F. 01210
52-55-52-70-04-00
Fax 52-55-52-70-22-77

3M Puerto Rico, Inc.
Puerto Rico Industrial Park
P.O. Box 100
Carolina, PR 00986-0100
787-620-3000
Fax 787-750-3035

Fax-on-Demand document number: 9011 Fax-on-Demand ordering: 1-800-364-0768 US/Canada; 1-651-732-6506 International
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