TECHNICAL TIP #51



How to Install on Rivets:

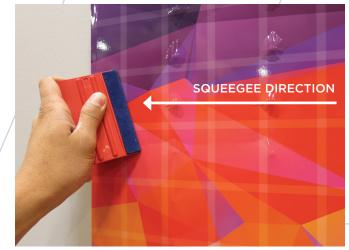
The Poke/Lance Method

RIVET BRUSH METHOD

1. Remove release liner and drape the whole panel on the surface.



2. With a medium-hardness squeegee, firmly apply the film over the rivets and flat areas. The squeegee must pass over the rivets with firm pressure as if the rivets weren't there.



TIP: Use the squeegee drag method to "close" the rivets in.

3. Continue squeegeeing the film over the rivets until the whole panel has been installed.



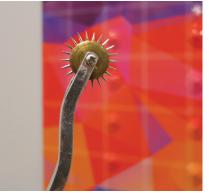
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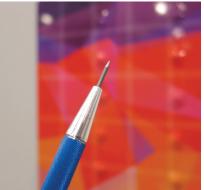


RIVET BRUSH (CONTINUED)

- 4. To release the air trapped between the rivets and film, use a poking tool to create pinholes over the tented film.
 - A. Needle Point Wheel

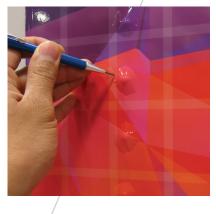


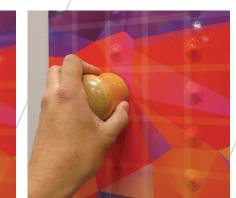
B. Retractable Air Release Tool



C. Multi-Pin Air Release Tool







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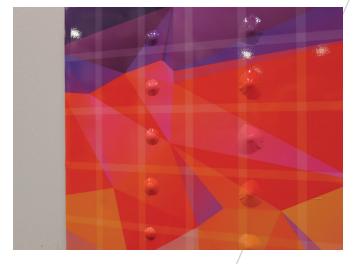


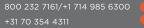
RIVET BRUSH (CONTINUED)

5. Without heat, reduce the tenting (or halo) with a rivet brush spiraling inward on each rivet.



The set of rivets on the left have less tenting than the set on the right.



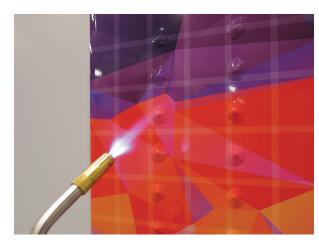


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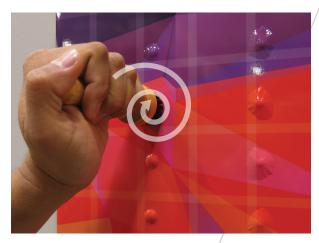
RIVET BRUSH (CONTINUED)

6. For a "painted on" appearance, each rivet has to be applied three times increasing the heat in each pass. For the first pass, apply a "kiss" of heat on a rivet



TIP: Do not overheat the film. The film will be too soft and the rivet brush could catch the film and form wrinkles during application.

7. Apply firm pressure with a rivet brush in a circular motion. Repeat steps 6 and 7 increasing the amount of heat per rivet in each pass until all rivets are applied.



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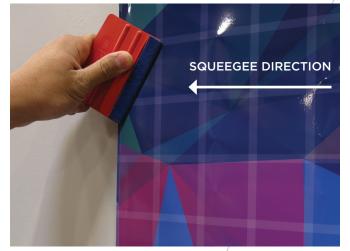


FOAM PAD METHOD

1. Remove release liner and drape the whole panel on the surface.



2. With a medium-hardness squeegee, firmly apply the film over the rivets and flat areas. The squeegee must pass over the rivets with firm pressure as if the rivets weren't there.



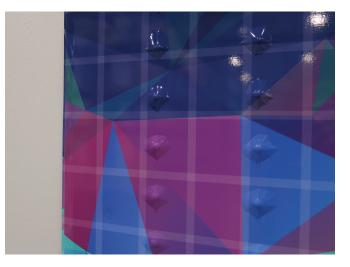
TIP: Use the squeegee drag method in the picture above to "close" the rivets in.

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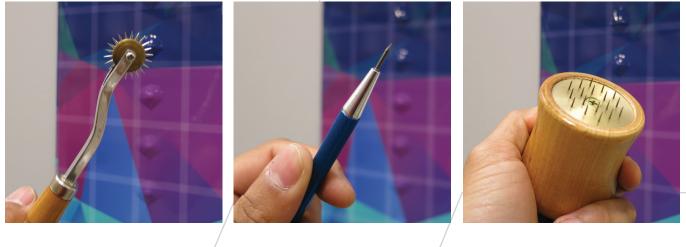


FOAM PAD METHOD (CONTINUED)

3. Continue squeegeeing the film over the rivets until the whole panel has been installed.



- 4. To release the air trapped between the rivets and film, use a poking tool to create pinholes over the tented film.
 - A. Needle Point Wheel
- B. Retractable Air Release Tool
- C. Multi-Pin Air Release Tool

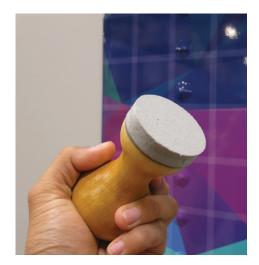


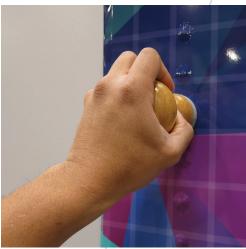
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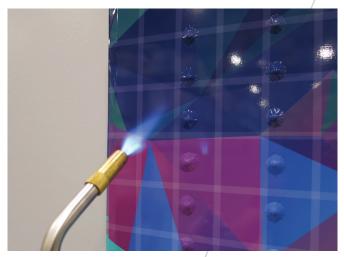
FOAM PAD METHOD (CONTINUED)

5. Without heat, reduce the tenting around the rivets by using a pad applicator on the rivets.





6. Heat a section of film which covers 4-5 rivets. As you apply heat, the film will wrinkle but will flatten out once it reached its optimum temperature.



 Apply firm pressure with the pad applicator and wiggle it in a circular motion. Repeat steps 6 and 7 until all rivets are applied.



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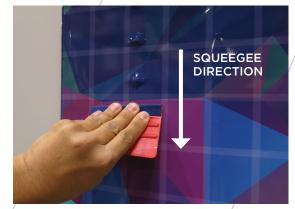


SQUEEGEE METHOD

1. Remove release liner and drape the whole panel on the surface.

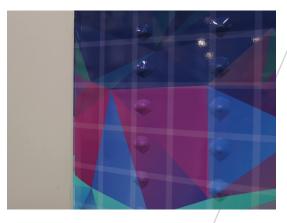


2. With a medium-hardness squeegee, firmly apply the film over the rivets and flat areas. The squeegee must pass over the rivets with firm pressure as if the rivets weren't there.



TIP: Use the squeegee drag method to "close" the rivets in.

3. Continue squeegeeing the film over the rivets until the whole panel has been installed.



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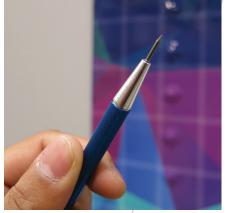
SQUEEGEE METHOD (CONTINUED)

- 4. To release the air trapped between the rivets and film, use a poking tool to create pinholes over the tented film.
 - A. Needle Point Wheel



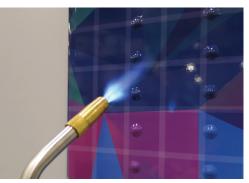
C. Multi-Pin Air Release Tool



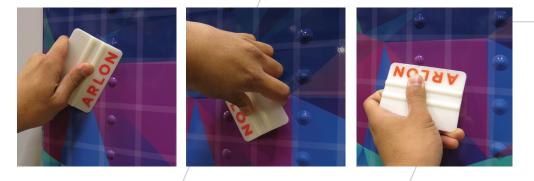




5. Heat a section of film which covers 4-5 rivets. As you apply heat, the film will wrinkle but will flatten out once it reached its optimum temperature (180°F to 240°F).



6. Apply firm pressure with a hard squeegee (White) and go around the rivet. Repeat steps 5 and 6 until all rivets are applied.



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+31 70 355 7721