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› Shurtape DC 181 UL 181B-FX Listed Film Tape Instruction Manual

Shurtape 205330

Shurtape DC 181 UL 181B-FX Listed Film Tape Instruction Manual

Brand: Shurtape | Model: 205330

INTRODUCTION

The Shurtape DC 181 UL 181B-FX Listed Film Tape is designed for use on Class 1 Flex Duct for connecting, joining, sealing, and patching flexible air ductwork. This tape features an acrylic adhesive system, ensuring high performance across a wide temperature range and compliance with building codes.

Key Features:

- UL 181B-FX Listed film tape for code compliance.
- Quick stick adhesive for immediate bond.
- Excellent conformability to uneven surfaces, creating airtight seals.
- Easy to unwind and tear by hand for efficient application.
- Color matches foil-backed flex duct for a consistent appearance.

SETUP

Before applying Shurtape DC 181, ensure the surfaces of the flexible ductwork are clean, dry, and free from dust, grease, or other contaminants. Proper surface preparation is crucial for optimal adhesion and a lasting seal.



Image: A roll of Shurtape DC 181 UL 181B-FX Listed Film Tape, black printed, showing the product label and specifications.

OPERATING INSTRUCTIONS (APPLICATION)

1. **Prepare the Surface:** As mentioned in the setup, ensure the duct surface is clean and dry.
2. **Measure and Tear:** Unroll the desired length of tape. The DC 181 tape can be easily torn by hand, eliminating the need for cutting tools in many situations.
3. **Apply the Tape:** Firmly press the tape onto the flexible ductwork, ensuring full contact with the surface. Apply even pressure to eliminate air bubbles and achieve a strong, permanent, airtight seal. For connections, overlap the tape sufficiently to cover the joint completely.
4. **Conform to Uneven Surfaces:** The tape's excellent conformability allows it to adapt to irregular shapes and textures of the ductwork. Work the tape into all contours for a secure fit.
5. **Verify UL Listing:** The UL 181B-FX listing is printed directly on the tape for easy visibility during inspections, confirming code compliance.



Image: A person applying Shurtape DC 181 tape to seal a connection on flexible insulated ductwork, demonstrating the application process.

Product Application Video:



Video: An official Shurtape video demonstrating the application of DC 181 Flex Duct tape for sealing and joining flexible ductwork, highlighting its features and ease of use.

MAINTENANCE

To maintain the quality and performance of Shurtape DC 181, store rolls in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the tape is kept in its original packaging until ready for use to prevent contamination of the adhesive surface. No specific maintenance is required for the applied tape once it has formed a permanent seal.

TROUBLESHOOTING

- **Tape Not Sticking Properly:**

Possible Cause: Surface is dirty, dusty, or oily. Temperature is outside the recommended application range.

Solution: Ensure the surface is thoroughly cleaned and dry before application. Apply tape within the recommended temperature range of -10°F to 210°F.

- **Air Leaks After Application:**

Possible Cause: Insufficient pressure applied during installation, or tape not conformed to all surface irregularities.

Solution: Reapply tape, ensuring firm and even pressure across the entire surface. Work the tape into all grooves and uneven areas to create a complete seal.

- **Tape Tearing Unevenly:**

Possible Cause: Incorrect tearing technique.

Solution: While the tape is designed for easy hand-tearing, ensure a clean, swift tear motion. If precise cuts are needed, use a sharp utility knife.

SPECIFICATIONS

Item Model Number	205330
Brand	Shurtape
Color	Black Printed
Material	Acrylic
Package Dimensions	5.12 x 5.08 x 1.93 inches
Item Weight	14.89 ounces
Recommended Uses	Indoor (for Class 1 Flex Duct)
Temperature Range	-10°F to 210°F

WARRANTY AND SUPPORT

For specific warranty information or product support, please refer to the official Shurtape website or contact Shurtape customer service directly. General product information and support resources can often be found on the [Shurtape Brand Store](#).