

All Weather/Cold Weather Double Sided Polyester Tape

DC-M194A is a high-performance, double-sided polyester film tape, designed specifically to work well in cold weather temperatures. Often used in commercial construction and metal building insulation applications, the double-sided PET tape is also versatile enough for a broad range of environmental conditions.

APPLICATIONS FOR THE TAPE

The most common applications for the double-sided polyester tape (PET tape) include:

- mounting insulation
- creating lap seals on laminated insulation, reflective insulation, and jacketing insulation
- permanently bonding foams, plastics, metals, and composite materials
- mounting smooth surface substrates in cold temperatures (such as freezers)

FEATURES OF THE TAPE

Features of the double-sided polyester tape (PET tape) include:

- superior holding power
- bonds well to a variety of surfaces
- specially formulated as a cold weather adhesive tape



- polyester (PET) carrier allows for UV resistance
- can tear the tape by hand
- can apply the tape by hand or with a machine

TAPE ADHESIVE

The double-sided polyester film tape (PET tape) tape is coated with a specially engineered acrylic adhesive that's designed to work exceptionally well in cold temperatures.

WEATHER RESISTANCE

The PET tape is an all-weather and cold temperature tape:

- specifically designed for extremely cold weather
- can be used indoors and outdoors
- UV resistant

TAPE SIZES

The polyester film tape (PET tape) is available in the following sizes:

- 1 inch by 60 yards / 24 mm by 55 m
- 1.5 inches by 60 yards / 36 mm by 55 m
- 2 inches by 60 yards / 48 mm by 55 m

TAPE COLORS

The high-performance, polyester film tape (PET tape) is transparent.

WHO USES THE TAPE

The tape is most commonly used by:

- metal building insulation contractors
- commercial construction contractors

ECHOtape PART NUMBER

The part number for this tape is DC-M194A.

Applications

- Use for lap seals on laminated, reflective and pipe jacketing insulation
- Use to mount smooth surface substrates in freezers
- Use for permanently bonding foams, plastics, metals and composite materials.
- Use for insulation mounting

Features & Benefits

- Hand tearable
- Hand or machine applied
- Excellent holding power
- Specially formulated cold weather adhesive
- Bonds well to a variety of surfaces
- PET carrier allows for UV resistance
- Performs well under a broad range of environmental conditions

Technical Data

SIZES	1.41 in x 60 yd. 36 mm x 55 m 1.41 in x 180 yd. 36 mm x 165 m 1.41 in x 360 yd. 36 mm x 330 m
Carrier	Polyester Film
Adhesive	Acrylic
Release Liner	Siliconized Paper
Total Thickness	3.6 mils
Tensile	7.7 lbs/in
Adhesion	40 oz/in
Application Temperature Range	-4°F to 176°F (-20°C to 90°C)
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)
Elongation	75%
Color	Transparent

Storage & Usage Conditions

Store tape in its original packaging away from direct sunlight and in a cool and dry area. For optimum performance, tape should be used within 12 months of date of shipment. Tape works best when applied to a surface that is clean, dry and free of grease, oil or other contaminants.

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The information cited is in good faith and has been established from sources held to be secure and reliable. The values listed are typical properties. Individual rolls may vary slightly from these values. All ECHOtape products are warranted to be free of defects at time of shipment. Many factors can affect the use and performance of a product in a particular application and the user must, by test or otherwise, determine suitability for purpose; Edelstein makes no representation or warranty, express or implied, concerning any application and usage of its products. If ECHOtape product is proved to be defective, the exclusive remedy, shall be for Edelstein to replace the defective product. ECHOtape shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including but not limited to, contract, negligence, warranty or strict liability.

Clear Double Sided Tape for Permanent Mounting & Bonding

DC-U101A is double-sided UPVC tape that incorporates a high-



tack and high-peel acrylic adhesive system. This unique UPVC tape is often used for product assembly, difficult bonding and splicing applications, and lamination on a variety of materials (including EPDM rubber, plastic, glass, and urethane foams).

APPLICATIONS FOR THE TAPE

The most common applications for the double-sided UPVC tape include:

- product assembly
- difficult bonding and splicing applications
- lamination to EPDM rubber, plastic, glass, and urethane foams

FEATURES OF THE TAPE

Features of the double-sided UPVC tape include:

- exceptionally high-tack and high-peel
- high-adhesive mass helps fill gaps
- UPVC film allows conformability
- adheres well to ether foams and ester foams
- bonds well to rough surfaces and porous surfaces
- excellent resistance to environmental extremes
- water resistant

TAPE ADHESIVE

The tape incorporates an exceptionally high-tack and high-peel acrylic adhesive system.

WEATHER RESISTANCE

The double-sided UPVC tape is weather resistant:



- excellent resistance to environmental extremes
- water resistant
- to achieve best results, recommended application temperature is 65 degrees Fahrenheit / 18 degrees Celsius

TAPE SIZES

The double-sided UPVC tape is available in the following sizes:

- 1/2 inch by 60 yards / 12 mm by 55 m
- 1 inch by 60 yards / 24 mm by 55 m
- 2 inches by 60 yards / 48 mm by 50 m

TAPE COLORS

The double-sided UPVC tape is available in clear (transparent).

WHO USES THE TAPE

The tape is most commonly used in:

- product assembly
- bonding and splicing
- manufacturing
- industrial environments
- construction and building
- electronics

ECHOtape PART NUMBER

The part number for this tape is DC-U101A.

Applications

- Use for lap seals on laminated, reflective and pipe jacketing insulation
- Use to mount smooth surface substrates in freezers
- Use for permanently bonding foams, plastics, metals and composite materials.
- Use for insulation mounting

Features & Benefits

- Hand tearable
- Hand or machine applied
- Excellent holding power
- Specially formulated cold weather adhesive
- Bonds well to a variety of surfaces
- PET carrier allows for UV resistance
- Performs well under a broad range of environmental conditions

Technical Data

SIZES	1.41 in x 60 yd. 36 mm x 55 m 1.41 in x 180 yd. 36 mm x 165 m 1.41 in x 360 yd. 36 mm x 330 m
Carrier	Polyester Film

Adhesive	Acrylic
Release Liner	Siliconized Paper
Total Thickness	3.6 mils
Tensile	7.7 lbs/in
Adhesion	40 oz/in
Application Temperature Range	-4°F to 176°F (-20°C to 90°C)
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)
Elongation	75%
Color	Transparent

Storage & Usage Conditions

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Single Sided Thermal Break Tape (1/4" and 1/8" thick)

F0-V2344 and F0-V2348 are single-sided thermal break tapes, designed to reduce thermal bridging on outer and inner framing in metal buildings. Available in 1/4 inch and 1/8 inch thicknesses, the tape has excellent holding power and high-load capability.

APPLICATIONS FOR THE TAPE

The most common applications for the single-sided thermal break tape include:



- create a vapor seal where large gaps occur
- create a lap joint seal on corrugated metal building panels or prefabricated wall panels
- create a flash break on building purlins and girt flanges
- maintain a seal in high movement joints

FEATURES OF THE TAPE

Features of the single-sided thermal break tape include:

- adheres strongly to smooth and rough surfaces (including corrugated metal)
- easy to apply
- sticks quickly (which speeds up application)
- conforms well to irregular surfaces
- easy to die-cut for custom sizing
- the paper release liner protects the adhesive from contaminants when cutting the tape to specific lengths

TAPE ADHESIVE

The tape has an acrylic adhesive.

TAPE SIZES

The single-sided thermal break tape is available in the following sizes:

- 2 inches by 50 feet (1/4 inch thick)
- 3 inches by 50 feet (1/4 inch thick)
- 2 inches by 75 feet (1/8 inch thick)
- 3 inches by 75 feet (1/8 inch thick)



TAPE COLORS

The single-sided thermal break tape is available in gray.

WHO USES THE TAPE

The tape is most commonly used by:

- construction professionals
- building contractors
- insulation contractors
- metal building specialists

ECHOtape PART NUMBER

The part numbers for this tape are F0-V2344 (1/4 inch thickness) and F0-V2348 (1/8 inch thickness).

Applications

- Use for lap seals on laminated, reflective and pipe jacketing insulation
- Use to mount smooth surface substrates in freezers
- Use for permanently bonding foams, plastics, metals and composite materials.
- Use for insulation mounting

Features & Benefits

- Hand tearable
- Hand or machine applied
- Excellent holding power

- Specially formulated cold weather adhesive
- Bonds well to a variety of surfaces
- PET carrier allows for UV resistance
- Performs well under a broad range of environmental conditions

Technical Data

SIZES	1.41 in x 60 yd. 36 mm x 55 m 1.41 in x 180 yd. 36 mm x 165 m 1.41 in x 360 yd. 36 mm x 330 m
Carrier	Polyester Film
Adhesive	Acrylic
Release Liner	Siliconized Paper
Total Thickness	3.6 mils
Tensile	7.7 lbs/in
Adhesion	40 oz/in
Application Temperature Range	-4°F to 176°F (-20°C to 90°C)
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)
Elongation	75%
Color	Transparent

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All Weather Lamtec WMP-10/PSK Facing Tape

FS-G7735 is an adhesive tape used primarily to seal and seam Lamtec WMP-10/PSK faced insulation that's used in metal buildings. This facing tape is coated with a high-performance, cold weather acrylic adhesive that has a superior quick stick, creates a strong bond, and performs exceptionally well in low temperatures.

APPLICATIONS FOR THE TAPE

The Lamtec WMP-10/PSK facing tape is used to:

- seam and join Lamtec WMP-10/PSK faced insulation
- repair tears on Lamtec WMP-10/PSK faced insulation

FEATURES OF THE TAPE

Features of the Lamtec WMP-10/PSK facing tape include:

- quick to stick
- creates a strong bond
- performs well across a broad range of temperatures (including cold temperatures)
- excellent vapor barrier
- low WVTR (water vapor transmission rate)
- paper liner is easy to remove
- can be cut to specific lengths for use in tight areas



TAPE ADHESIVE

The Lamtec WMP-10/PSK facing tape has a cold-weather, acrylic adhesive.

WEATHER RESISTANCE

The Lamtec WMP-10/PSK facing tape is weather resistant:

- works well in cold weather – bonds well at low temperatures
- excellent vapor barrier
- low WVTR (water vapor transmission rate)

TAPE SIZES

The Lamtec WMP-10/PSK facing tape is available in the following size:

- 2.75 inches by 50 yards / 72 mm x 46 m

TAPE COLORS

The Lamtec WMP-10/PSK facing tape is available in black and white.

WHO USES THE TAPE

The tape is most commonly used by:

- metal building insulation contractors

ECHOtape PART NUMBER

The part number for this tape is FS-G7735.

Note that Lamtec and WMP are registered trademarks of Lamtec Corporation.

Applications

- Use for lap seals on laminated, reflective and pipe jacketing insulation
- Use to mount smooth surface substrates in freezers
- Use for permanently bonding foams, plastics, metals and composite materials.
- Use for insulation mounting

Features & Benefits

- Hand tearable
- Hand or machine applied
- Excellent holding power
- Specially formulated cold weather adhesive
- Bonds well to a variety of surfaces
- PET carrier allows for UV resistance
- Performs well under a broad range of environmental conditions

Technical Data

SIZES	1.41 in x 60 yd. 36 mm x 55 m 1.41 in x 180 yd. 36 mm x 165 m 1.41 in x 360 yd. 36 mm x 330 m
Carrier	Polyester Film

Adhesive	Acrylic
Release Liner	Siliconized Paper
Total Thickness	3.6 mils
Tensile	7.7 lbs/in
Adhesion	40 oz/in
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Elongation	75%
Color	Transparent

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