

3M™ Wind Tape Adhesion Promoter W9910

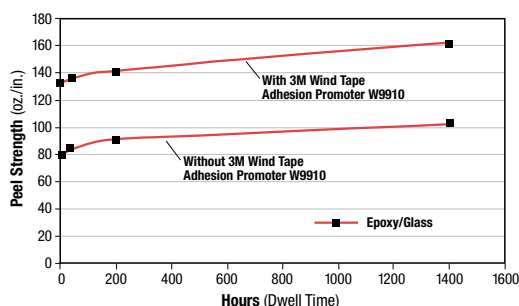
Product Description

3M™ Wind Tape Adhesion Promoter W9910 is designed to enhance the initial adhesion of 3M™ Wind Protection Tape in demanding situations.

Product	Package
7 in. × 7 in. (177 mm × 177 mm) wipes	5 packets/bag, 1 bag/case
1 pint can	12 pints/case

Typical Physical Properties and Performance Characteristics

3M Wind Tape Adhesion Promoter W9910 allows for faster initial adhesion build of 3M Wind Protection Tapes to surfaces such as polyurethane paint, epoxy primers and epoxy composites.



Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Note: When using solvents, extinguish all ignition sources, including pilot lights. Read and follow manufacturer's warnings and directions for use.

3M Wind Tape Adhesion Promoter W9910 may be needed in the following situations:

- To tack down the edges of the tape, especially in curved areas, where the tape may be tented.
- To increase adhesion strength on low surface energy paints. If you are concerned about the adhesion of Tape to your substrate, please contact 3M to discuss.

Please contact 3M to discuss any questions or concerns about adhesion to other specific substrates.

Please note: 3M Wind Protection Tape applied with 3M Wind Tape Adhesion Promoter W9910 will be more difficult to remove.

Properties	Typical Values
Active Ingredient	Polyamide Resin
Solvent	Isopropyl Alcohol, N-Propyl Alcohol
Solids	6.5%
Color	Transparent, Colorless
Viscosity	Approximately 100 cps
Flashpoint	57°F (13.9°C) Flammable Liquid
Package Size	Pint (473 ml)
Net Weight	Presaturated Wipes 7 in. × 7 in. (177 mm × 177 mm) .95 lbs./pint

Properties	Test Method	Typical Values
Initial Peel Adhesion – 3M™ Wind Blade Protection Tape W8640, Gray w/3M Wind Tape Adhesion Promoter W9910 on Epoxy/Glass composite	ASTM D1000 1 hr dwell, 180° peel	132.4 oz./in. (145.0 N/100 mm)

Directions for Use

Surface Preparation

The bonding surface must be smooth, clean and dry. If applying 3M Wind Protection Tape, the surface should be sanded smooth with 320 grit sandpaper. Clean the surface with isopropyl alcohol and a clean, lint-free towel or cloth. Allow the surface to dry completely.

Apply 3M Wind Tape Adhesion Promoter W9910

Wipe the surface with the pre-saturated 3M Wind Tape Adhesion Promoter W9910 wipe or with a clean, lint-free cloth wetted with 3M Wind Tape Adhesion Promoter W9910, using the **minimum** amount that will coat desired surface.

More is not better. Allow promoter to dry for 10 minutes. For best results, apply 3M Wind Protection Tape to the promoter covered surface within two hours.

Additional Information

3M Wind Tape Adhesion Promoter W9910 is not intended for use where the 3M™ Wind Protection Tape would be in direct contact with aluminum, stainless steel, carbon, steel, or glass.

Storage

Store at 60-80°F (16-27°C). Lower temperature storage will cause 3M Wind Tape Adhesion Promoter W9910 to gel. See Precautionary Information.

Shelf Life

These products have a shelf life of 24 months from date of manufacture when stored in the original, unopened container at the suggested storage conditions.

Precautionary Information

If gelling occurs, place the can of 3M Wind Tape Adhesion Promoter W9910 into a plastic bag to keep can and label dry. Place the can of 3M Wind Tape Adhesion Promoter W9910 into a container of hot tap water 120-140°F (49-60°C) max. for 30 minutes. The gels will go back into solution with no performance effects on the product.

Warning: This is a flammable liquid! Do not heat in boiling water or on top of stove/hot plate, in oven or open flames. Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, visit www.3M.com/msds or call 1-800-364-3577 or (651) 737-6501.

For more information on our wind manufacturing product line, contact 3M Renewable Energy at 800-755-2654 or visit us at www.3M.com/wind.

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Renewable Energy Division

3M Center, Building 235-1S-67
St. Paul, MN 55144-1000
1-800-755-2654
www.3M.com/wind

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