

Ri-Mark Application tape film 500

PRODUCT DESCRIPTION / BENEFITS Ri-Mark Application tape film 500 is a self-wound adhesive films designed for transferring plotter-cut letters, logos, and designs to the final substrate.

The face film is extremely transparent, very stable, and with an excellent lay-flat for a perfect decal view and positioning. The self-wound application tape is with an easy release, for an easy unwinding. The removable water-based adhesive is resistant to UV rays & moisture and assure a quick and net transfer on the final substrate.

All products are REACH & RoHS compliant.

TYPICAL USE

- Transfer of plotter cut letters, logos, and designs to the final substrate

CONSTRUCTION

- **Face film:** 130 µm structured polyethylene film (PE)
- **Adhesive:** removable water-based acrylic.
- **Release liner:** none (self-wound product)

Products:

130 µm PE medium tack Code 12696 - **Application Tape 500 structured - Clear film**

CONVERTING METHOD

Plotter-cut vinyl can be transferred to the application tape manually or with a laminator. For manual transfer, unwind the application tape on the table, the adhesive upside, and manually laminate the plotter-cut letters by squeegeeing firmly the vinyl liner, to ensure a good adhesion of vinyl cut letters to the application tape.

APPLICATION METHOD / INSTRUCTIONS FOR USE

To transfer the plotter cut vinyl on the application tape, remove vinyl liner (don't lift-off the application tape from vinyl liner).

To transfer the cut letters to the cleaned & degreased final substrate, position the application tape on the substrate, then squeegee firmly all plotter cut vinyl, and peel-off the application tape.

The application tape can remain maximum 6 months in contact with the cut letters.

SHELF LIFE

Shelf life is 12 months, when stored at 23 °C and 50 % relative humidity conditions.

Higher temperatures and/or humidity levels will reduce product shelf life.

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PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

Face thickness, without adhesive	130 µm	ISO 534-80
Face thickness, with adhesive	150 µm	ISO 534-80
Tensile strength (machine direction)	> 15 N/cm	ISO 527
Elongation at break (machine direction)	> 150%	ISO 527
Adhesion on Glass - 20 minutes	1,0 N/25mm	FTM 1
- 24 hours	2,0 N/25mm	FTM 1
Adhesion on Ri-Mark Event - 20 minutes	1,5 N/25mm	FTM 1
- 24 hours	1,5 N/25mm	FTM 1
Adhesion on Ri-Mark Platinum - 20 minutes	1,4 N/25mm	FTM 1
- 24 hours	1,4 N/25mm	FTM 1
Minimum application temperature	+10 °C	

QUALITY CERTIFICATION



DISCLAIMER

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