

SOFT TOUCH MATTE Thermal Laminating Film

PRODUCT NUMBER

35 DF241/30 E240

THICKNESS

1.4 mil (w/adhesive)

(.70 base film with .70 mil EVA adhesive)

Thickness +/- 10%, including adhesive

The following characteristics are based on typical laboratory data:

GENERAL DESCRIPTION:

Clear matte, corona treated polypropylene film. Polypropylene is ideal for interior applications. This film is printable, glue-able and foil stamp-able due to its high dyne level.

APPLICATIONS:

Polypropylene films have been designed for applications such as flat packaging, book covers, labels, corrugated boxes, business cards, holiday cards and a variety of others requiring a thin, high quality matte finish.

HANDLING RECOMENDATIONS FOR DL SOFT TOUCH®

Soft Touch®Extra Bond & Soft Touch Digital (for toner based prints) films:

General recommendations for 30 E241 (Extra Bond) and 35 DF 241 (Digital)

- ✓ These films has an extra matte surface, so we recommend handle it wearing cotton gloves or at least with washed and cleaned bare hands.
- ✓ If some steam is produced during the manipulation of the sheets; it can be removed using a piece of dry cotton.
- ✓ Do not use any chemical product to clean film surface or laminated sheet surface.
- ✓ We do not recommend the use of double side lamination in a single step, unless the machine is able to cool both sides before the stacking.



- ✓ When a board, laminated both sides with soft touch is varnished, It's recommended the vertical stacking instead of horizontal, so could be produced a transmission of the varnish to the other side of the film because of the high level of the wetting tension of the soft touch surface. It's recommended as well, slowing the speed of the varnishing machine 20-30% respect to the varnished of BOPP standard film for a complete drying of the varnish.
- ✓ The soft touch film can generate problems of scratches on the production of hard cover books, due to high coefficient of friction between the soft touch and metal guide of the converting line. We recommend to clean very well all the guides of the converting machine and to make trials before the industrial production. In case of scratches, we recommend to cover the guides with a Teflon coated adhesive tape that reduce a lot the friction and check if the problems is solved.
- ✓ It's not recommended to laminate the soft touch on one side and gloss on the other one. This is because the additives of the gloss film could steam the soft touch surface. This problem could be solved if a non-printed paper is placed between the laminated sheets.
- ✓ We recommend check bonding strength to ensure the film suitability to support and inks, in the startup of the lamination work. In order to know if the strength is enough we recommend make the test described in the next chapter.
- ✓ For creasing and embossing process we recommend wait several days after lamination due to bonding strength increases over time.
- ✓ The heating roll of lamination must be free of defects because these defects can be transmitted or copied to the metallized surface of the film.

SERVICE TEMPERATURE

RANGE: 245⁰F to 265⁰F

MINIMUM APPLICATION

TEMPERATURE: 255⁰F (10⁰C).

STORAGE STABILITY:

Shelf life of (6) months when stored under conditions of 60⁰F - 80⁰F (16⁰C - 21⁰ C) and 50% relative humidity under reasonable conditions.

The following is made in lieu of all warranties, express or implied.

Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.

The seller (Remington *laminations* Incorporated) shall not be liable for any default or delay caused by any contingency beyond its control or the control of its supplier including, but not limited to, short or reduced supply of fuel, raw material, or other integral components of the products.



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