

XtremeBond Laminating Film – Thin Gauge

DESCRIPTION:

XtremeBond Laminating Film is a premium grade polyester or nylon base film with a proprietary adhesive formulated for adhesion to fuser oil base inks and other difficult to adhere to digital toners. XtremeBond laminate provides greater range of uses and applications. Its unique formulation allows immediate lamination to "wet" inks without delay and subsequent finishing operations.



CHARACTERISTICS:

- Available in gloss and matte finishes.
- Superior abrasion resistance.
- High clarity laminating film (polyester and nylon).
- Water, oil, acid, and alkali resistant.
- Can be die-cut.
- Enhances overall color and appearance of graphics.
- Excellent alternative to PSA film.
- Easy to apply.

APPLICATIONS:

- Digital prints, such as Xerox Docutech and Docucolor, iGEN, Nexpress and Xeikon Systems.

TECHNICAL DATA:

| PROPERTIES | UNIT | 1.2 Nylon* | 1.2 PET | 1.3 Nylon* | 1.7 Nylon* | 1.7 PET | 1.7 PET | TEST METHOD |
|---|---------------------|-------------|---------|------------|------------|---------|---------|-------------|
| FINISH | | GLOSS | GLOSS | MATTE | GLOSS | GLOSS | MATTE | |
| THICKNESS \pm 10% | inches | .0012 | .0012 | .0013 | .0017 | .0017 | .0017 | D2103 |
| SURFACE TENSION adhesive side | dynes/cm | 52-56 | | | | | | D2578 |
| COEFFICIENT OF FRICTION BASE FILM SIDE | kinetic | 0.45 – 0.55 | | | | | | D 1894 |
| TENSILE STRENGTH | MD | PSI | 6,600 | 26,307 | 6,000 | 8,400 | 30,400 | D 882 |
| | TD | PSI | 5,302 | 30,460 | 5,700 | 7,800 | 34,500 | |
| ELONGATION | MD | % | 35 | 140 | 35 | 87 | 160 | D 882 |
| | TD | % | 17 | 105 | 43 | 74 | 120 | |
| YIELD | in ² /lb | 22,512 | 19,510 | 19,924 | 15,891 | 15,068 | 14,935 | D4321 |
| LAMINATING TEMPERATURE RANGE INTERNAL | °F | 240 to 260 | | | | | | |
| BOND STRENGTH laminated to itself | lbf/in | 3-5 | 3-5 | 3-5 | 4-6 | 4-6 | 4-6 | D1876 |

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