## Overlaminate Thermal Roll Film

GeniusLinen ${ }^{\text {TM }}$ overlaminate offers allure and tactile dimension to the print, publishing and packaging world. Manufactured with a unique emboss pattern on the film, GeniusLinen ${ }^{T M}$ simulates the texture of high-quality European linen. The tight grain pattern gives a suave and luxurious Old World feel on every application.

## KEY BENEFITS

- Superb Color Tonality and Clarity
- Rich Dimensional Linen Pattern
- Scuff and Scratch Resistant Finish


## COMMON APPLICATIONS

- Cosmetics Packaging
- Photo Book Covers
- Promotional \& Presentation Pieces
- Business Cards
- Gift Packaging
- Accepts Spot UV
- Glueable and Stampable
- Soft and Hard Book Covers
- Folding Cartons
- Rigid Box Packaging
- Seasonal Cards

| Properties | Side | Value | Unit | Test Method / Standard |
| :---: | :---: | :---: | :---: | :---: |
| Thickness |  | 32 | $\mu \mathrm{m}$ | Manufacture Method |
| Tensile Strength | MD | 79,5 | MPa | ASTM D 882 |
|  | TD | 134,7 |  |  |
| Elongation at Break | MD | 177 | \% | ASTM D 882 |
|  | TD | 45 |  |  |
| Haze |  | 91,9 | \% | ASTM D1003 |
| Transparency |  | 89,4 | \% | ASTM D1003 |
| Gloss (Matt) |  | 10-12 | - | Manufacture Method $60^{\circ}$ |
| Coefficient of Friction | $\mathrm{m} / \mathrm{m}$ | 0,51 | - | DIN EN ISO 8295 |
| Heat Shrinkage | MD | 10,9 | \% | DIN 53377 |
|  | TD | 5,3 |  |  |
| Unit Weight |  | 20,5 | $\mathrm{g} / \mathrm{m}^{2}$ | ASTM D792 |
| Yield |  | 48,78 | $\mathrm{m}^{2} / \mathrm{kg}$ | ASTM D792 |
| Lamination Temperature |  | 105 | ${ }^{\circ} \mathrm{C}$ |  |

MD = Main Direction $\quad T D=$ Transverse Direction

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