BIODEGRADABLE COATING

Wendler inside

BIO-BASED DEGRADABLE COATING

95% Bio-Based Copolyester Coating

Introducing our bio-based copolyester coating, made with 95% renewable content and certified under ASTM D6866. It delivers strong, reliable bonding strength and maintains good washing results at 40 °C.

The coating is biodegradable up to 90%. Thus, making it an excellent option for sustainability-focused brands and manufacturers. The coating works well with our current cotton lines DV and 3600.

Application

Cotton Fabrics & Garments
(e.g. cotton business shirts)
due to its higher fusing temperature

Works well on applications using our current cotton line DV / 3600

HDPE-coated interlining alternative
if washing conditions do not exceed the recommended washing temperature (40 °C)

Sustainable Coating Composition

- **Copolyester Coating with 95% renewable biomaterials**
- **ASTM D6866 certified**
  (verifies renewable carbon content)

Fusing Conditions

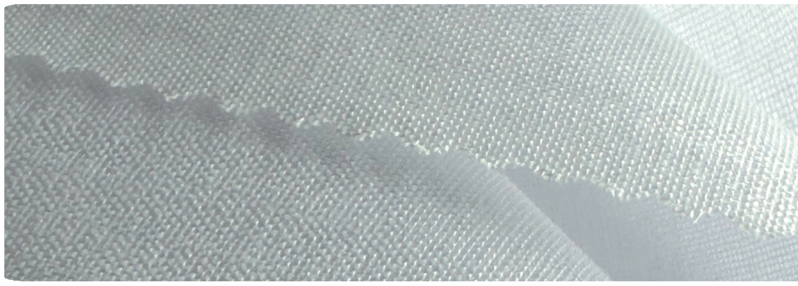
160-170°C	25 N/cm²	20 sec.
Temperature	**Pressure**	**Time**

Performance

- **Bonding Strength (on test fabric):** 21 N/5 cm
- **Washing Resistance:** 20 washes at 40 °C with no detachments

Environmental Benefits

- **Biodegradable up to 90%**
  (Home & industrial compostable within a year)
- **est. 60-80% lower CO_2 footprint** compared to conventional fossil-based polyester



Contact us

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