

BIODEGRADABLE COATING



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
Temperature



25 N/cm²
Pressure



20 sec.
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 CO₂ footprint** compared to conventional fossil-based polyester



Contact us



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