

# BIO-BASED COATING



## BIO BASED COATING

### 60% Bio-Based Copolyamide Coating

Our Bio-Based ("BB") coating is an innovative copolyamide made with 60% renewable content and certified under ASTM D6866.

Developed for delicate fabrics, our Bio-Based coating fuses at lower temperatures, helping save energy while protecting sensitive fabrics. It offers a sustainable alternative to 100% fossil-based coatings for eco-conscious brands and manufacturers.



### Application



**Sensitive Fabrics & Garments**  
(e.g. lightweight blouses)  
due to its lower fusing temperature



**Works well on applications using our current lightweight Duett line**



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

**Limitations:** Not suited for high-temperature or industrial wash applications.

### Sustainable Coating Composition

- **Copolyamide Coating with 60% renewable biomaterials**
- **ASTM D6866 certified**  
(verifies renewable carbon content)

### Fusing Conditions



130-140°C  
Temperature



30 N/cm<sup>2</sup>  
Pressure



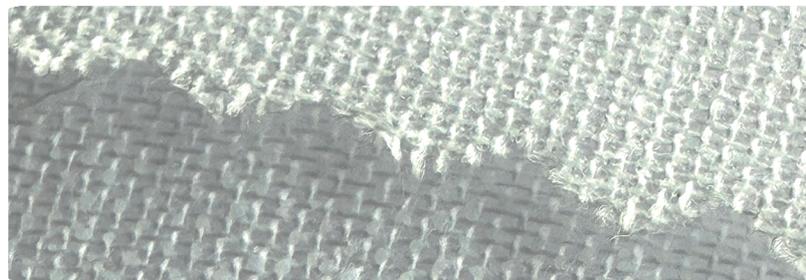
12sec.  
Time

### Performance

- **Energy-saving production:**  
LOWER Temperature + SHORTER fusing time
- **Strong Fabric Bonding:** Works on light to heavy-weight fabrics

### Environmental Benefits

- **est. 40-60% lower CO<sub>2</sub> footprint** compared to conventional fossil-based polyamides.  
Note: **Not biodegradable**, but still an alternative to 100% fossil-based coatings.



### Contact us



Wendler Interlining Group  
Email: [sales@wendlerinside.com](mailto:sales@wendlerinside.com)  
[www.wendlerinside.com](http://www.wendlerinside.com)