

Breakthrough sustainable digital finishing technology

Sustainable multi-function finishing



Creating a world with zero pollution from textile dyeing and finishing

Less Chemistry. Reduced Energy. Lower Cost.

Novara™ offers the most efficient, sustainable, multi-function textile finishing, enabling single or multiple finishes at significantly lower cost.

Dramatically reduce operational costs

- Less chemistry
- More resource efficient (less energy/water)
- Digital on demand production

Unique product innovations

- Single-sided coating
- Simultaneous 2-sided coating of multiple finishes e.g., combining anti-odour and water-resistance in one material
- 2D patterned finishes

Single-sided odour control

Chemistry reduction



Up to 50%

Water reduction



Up to 50%

Energy reduction



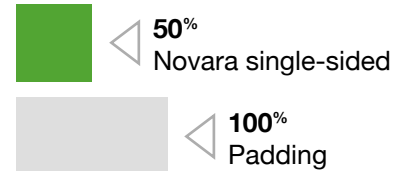
Up to 47%

Cost reduction

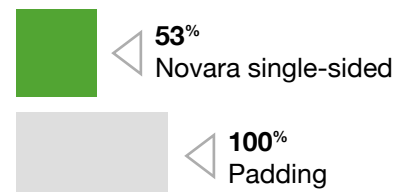


Up to 50%

Chemistry requirement vs padding



Energy requirement vs padding





Multi-function finishing for fashion, sportswear, technical clothing, outdoor, medical and upholstery.

Novara™ delivers value-added innovation opportunities with multi-function finishing. By combining functions such as odour control with antibacterial and water-resistance or flame retardant with encapsulated fragrances, Novara™ enables new high value fabric innovations.

Unlike padding, which utilises a bath that is rapidly contaminated with fabric debris and varies in concentration, Novara™ delivers precisely defined digitally controlled finishes only where needed.

Novara™ is suitable for all fabric types, from 50 - 1000 gsm, and commercially available chemistries.

From sustainable odour control to fragrance finishing, you can combine finishes that tackle body, environment, and fabric odours without impacting breathability, hand feel or wicking.

Novara™ can also be used to apply fluorocarbon-free (C0) and bio-based coatings.

**Multi-function fabrics:
98% odour reduction using
a waterproof fabric**



Deodorant property of textiles
ISO 17299



For more efficient and sustainable textile finishing, contact us at:
www.alchemietechnology.com