

Breakthrough sustainable digital finishing technology

Water and Oil Repellent



Creating a world with zero pollution from textile dyeing and finishing

Less Chemistry. Reduced Energy. Lower Cost.

Novara™ offers the most efficient, sustainable textile finishing technology, enabling high performance added value finishing 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. one side anti-odour coating, the other water repellent
- 2D patterned finishes

Chemistry reduction



Up to 50%

Water reduction



Up to 95%

Energy reduction



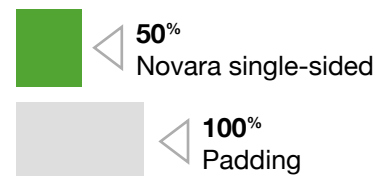
Up to 85%

Cost reduction

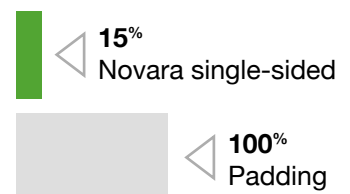


Up to 50%

Chemistry requirement vs padding



Energy requirement vs padding





Transforming finishing for fashion, sportswear, technical clothing, outdoor, medical and upholstery.

Novara™ delivers dramatic agility and flexibility advantages, manufacturing cost reductions and product innovation opportunities.

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 a broad range of fabrics including polyester, cotton, nylon, polycotton, and commercially available finishing chemistries, including durable water repellent (DWR).

Our single-sided DWR finished substrates achieve high water-repellent performance.

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



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

