

Dye Sublimation to Natural Fabrics



Fabachrome™

**Digital Textile Printing
Technology that Enables
Sublimation Printing to
All Natural Fabrics**

Aqueous Non-Toxic Fabric Pretreatment

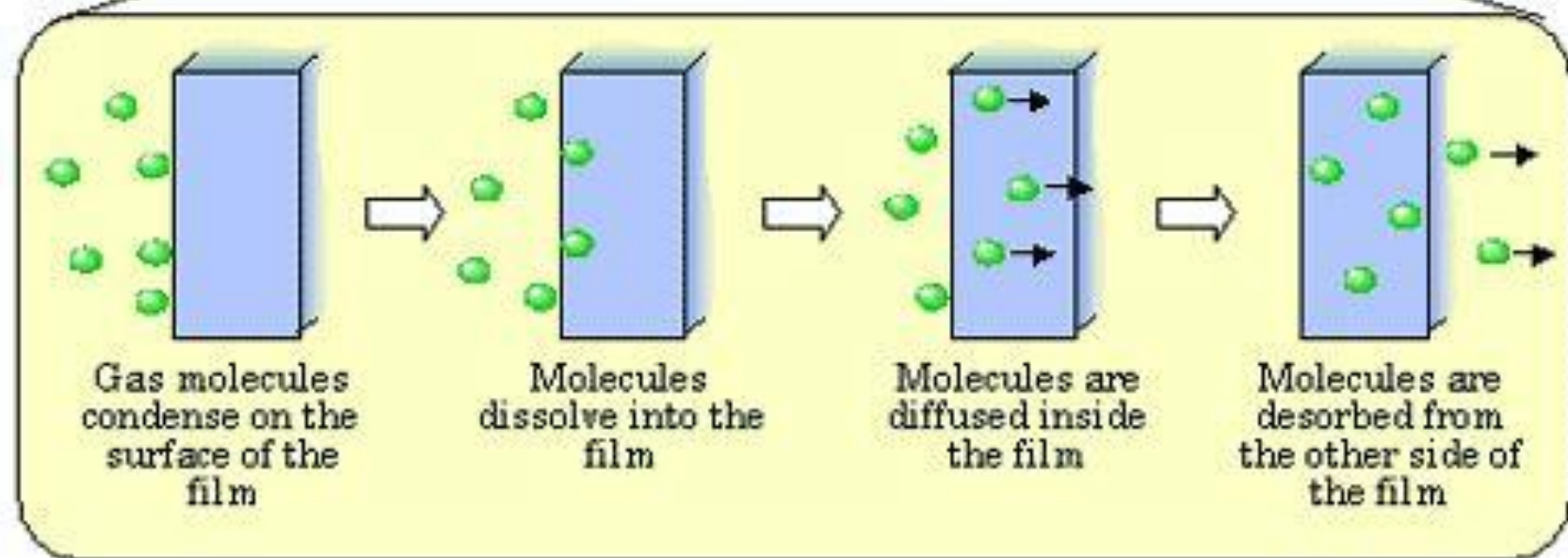
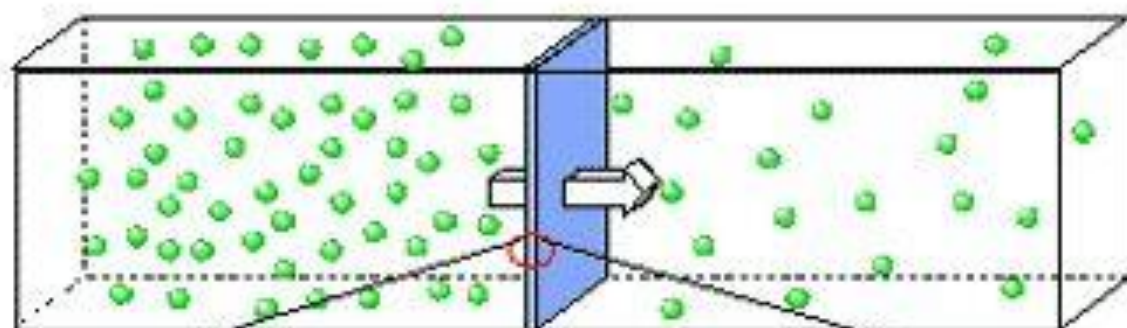


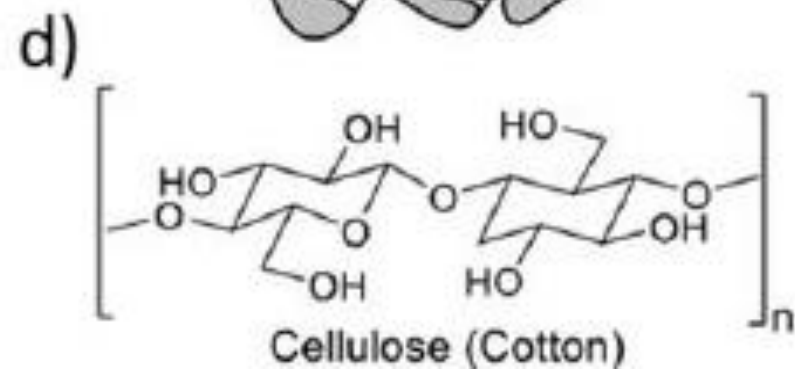
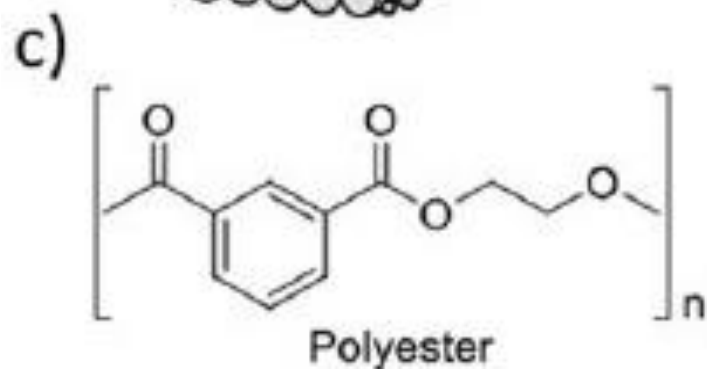
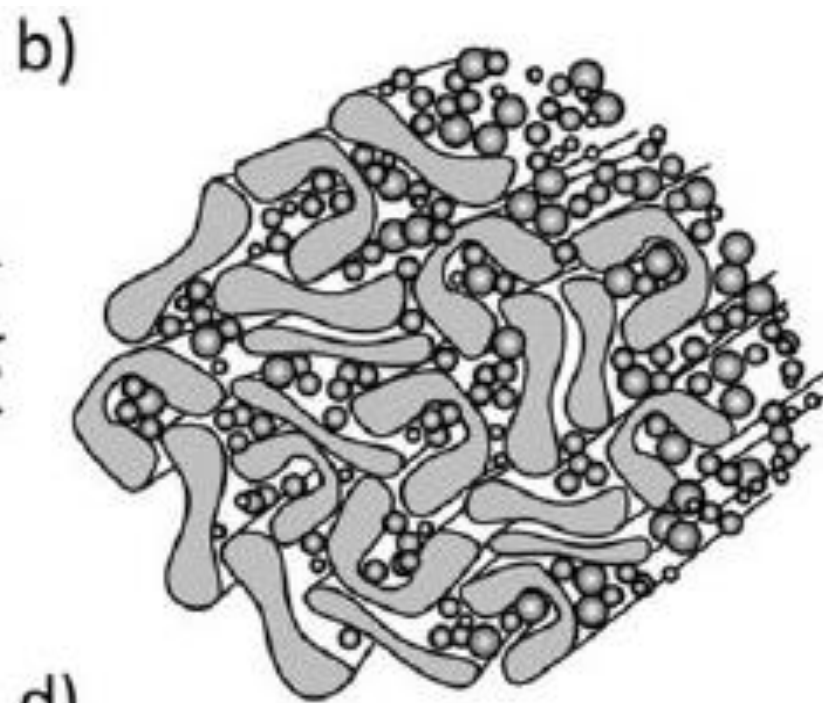
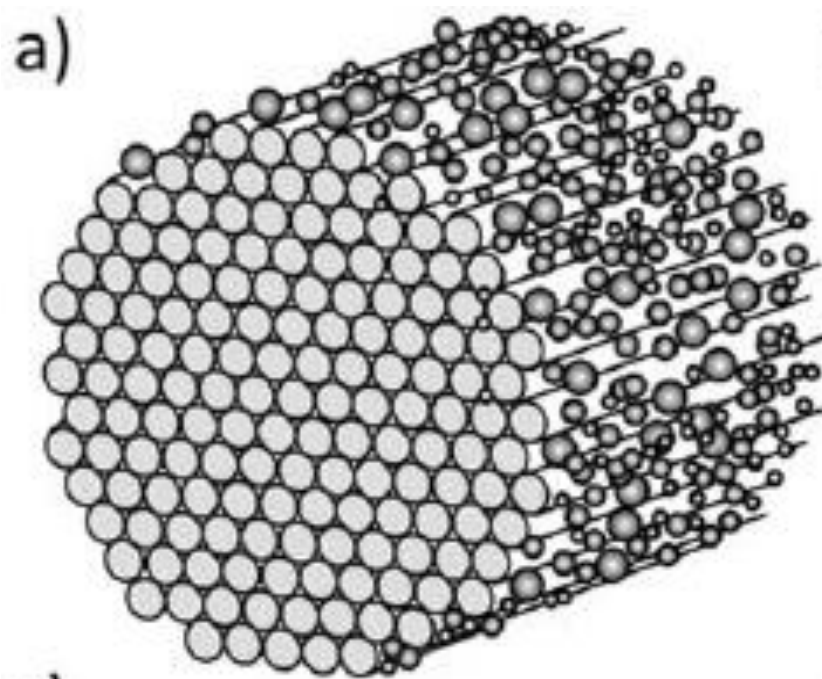
Waterless Textile Printing

- **Fabachrome™ Waterless Dye-Based Digital Textile Printing Process**
- **First Multi-functional Fabric Printing & Finishing Technology**
- **No Steaming or Washing**
- **Eliminates the Discharge of Hazardous Dyes and other Harmful Pretreatment Chemicals into Waste Streams**

Direct Sublimation or Heat Transfer





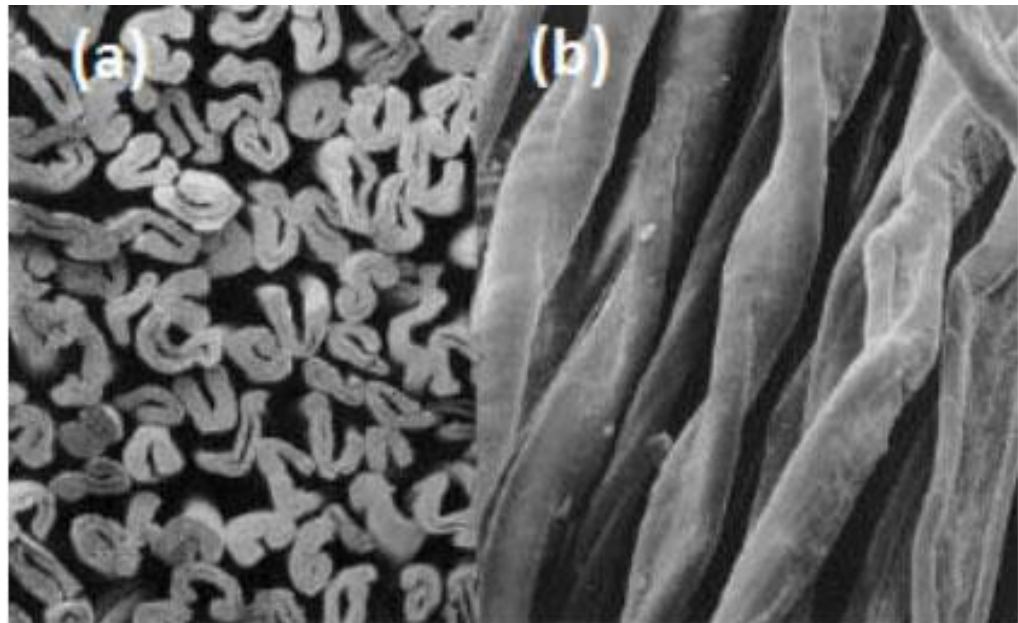


Advanced Sublimation Printing Technology

- **Removes Toxic Chemical Processes Related to Acid and Reactive Ink Textile Printing**
- **No Steaming or Washing; Direct or Transfer**
- **Water & Energy Consumption are Reduced**
- **Generation of Greenhouse Gases Prevented**

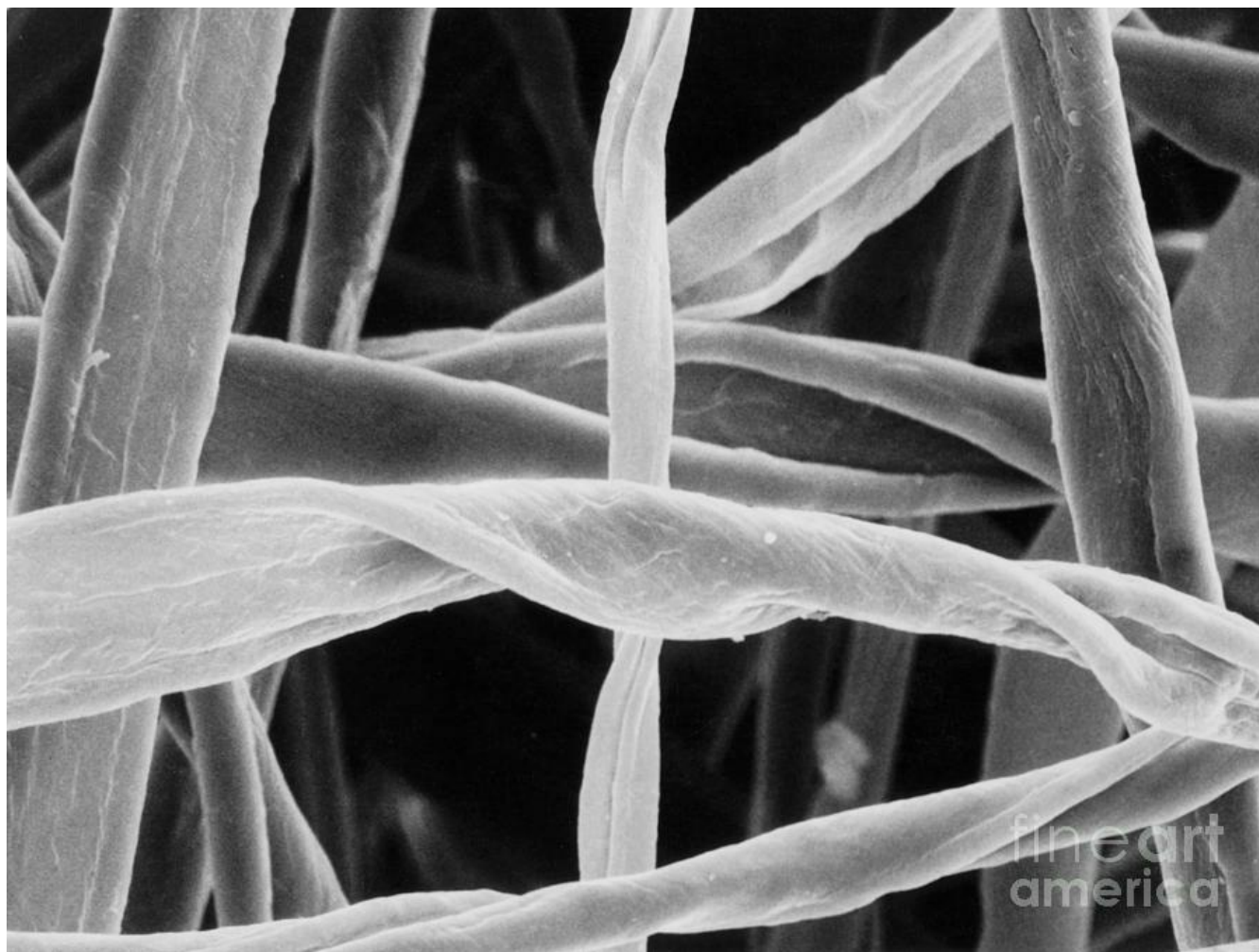


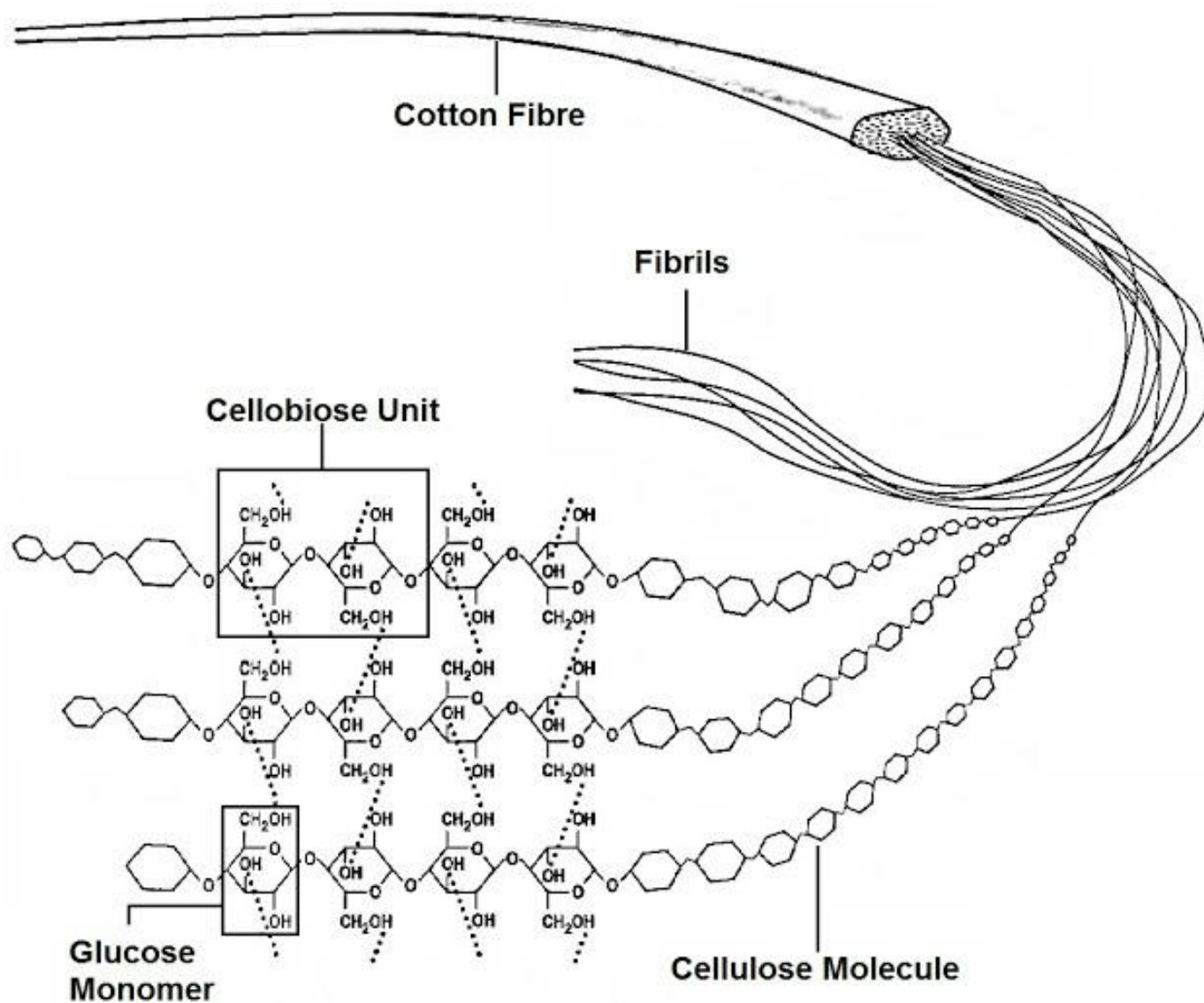
Disperse Dyes & Pretreatment Infused into Any Natural Fabric

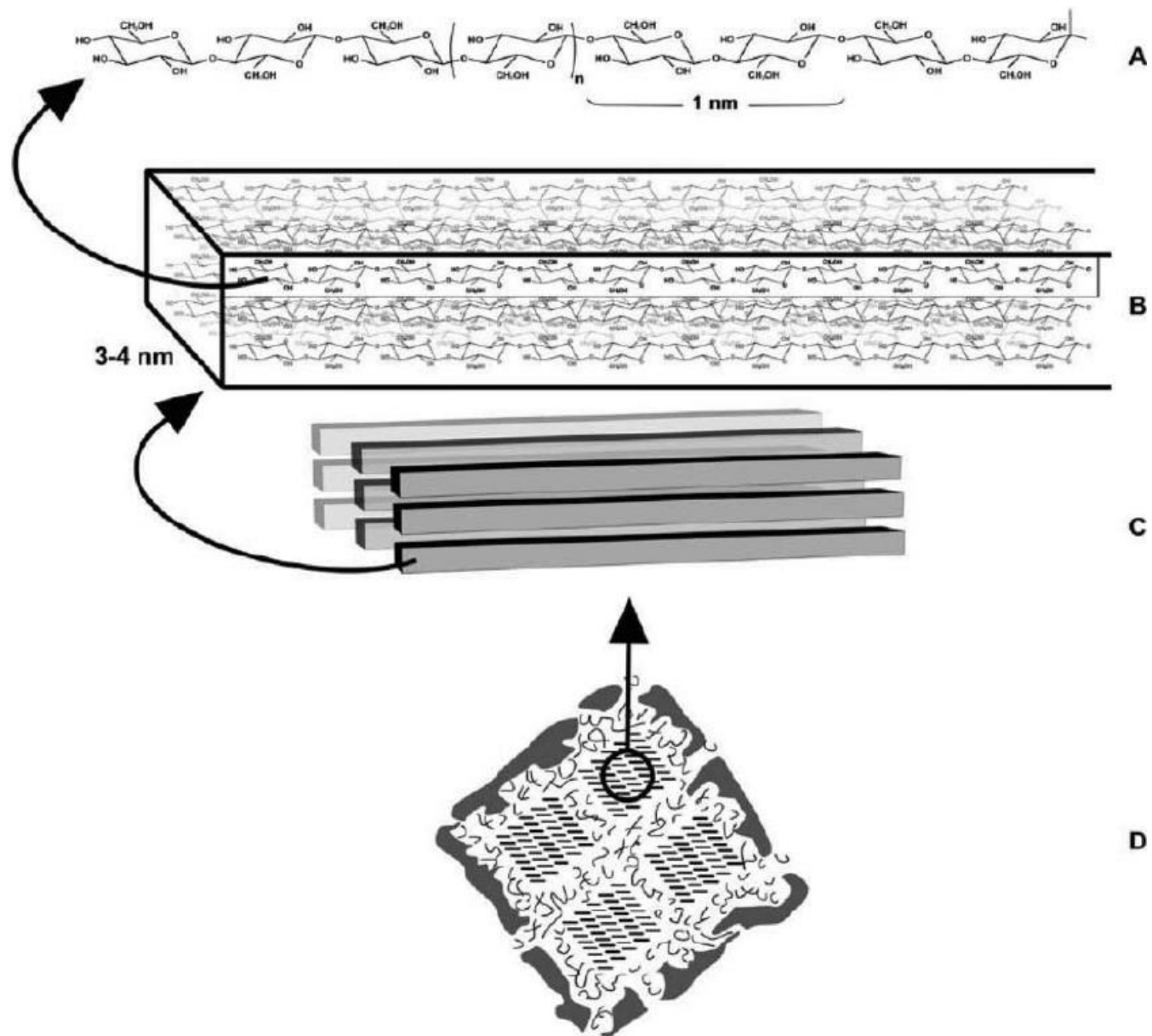


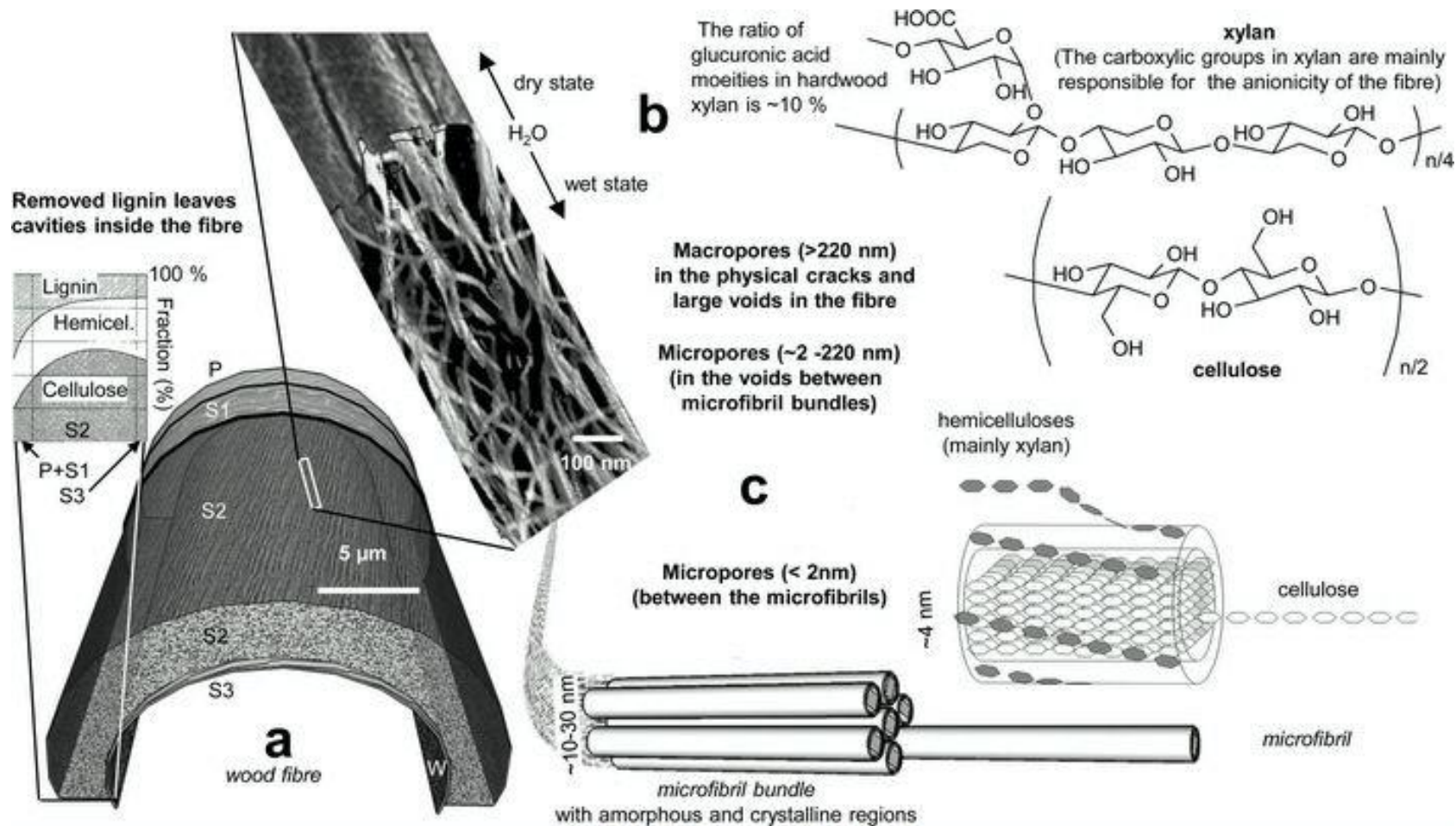
Silk Cotton Linen Rayon Wool Blends

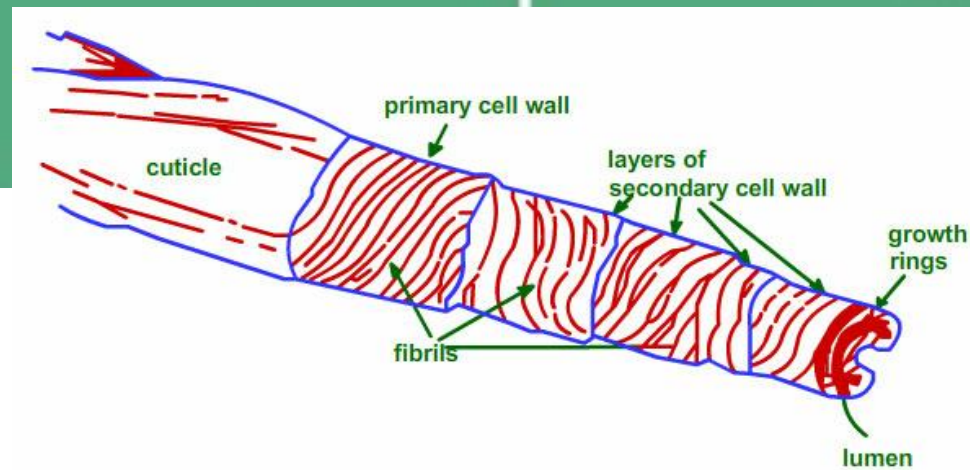
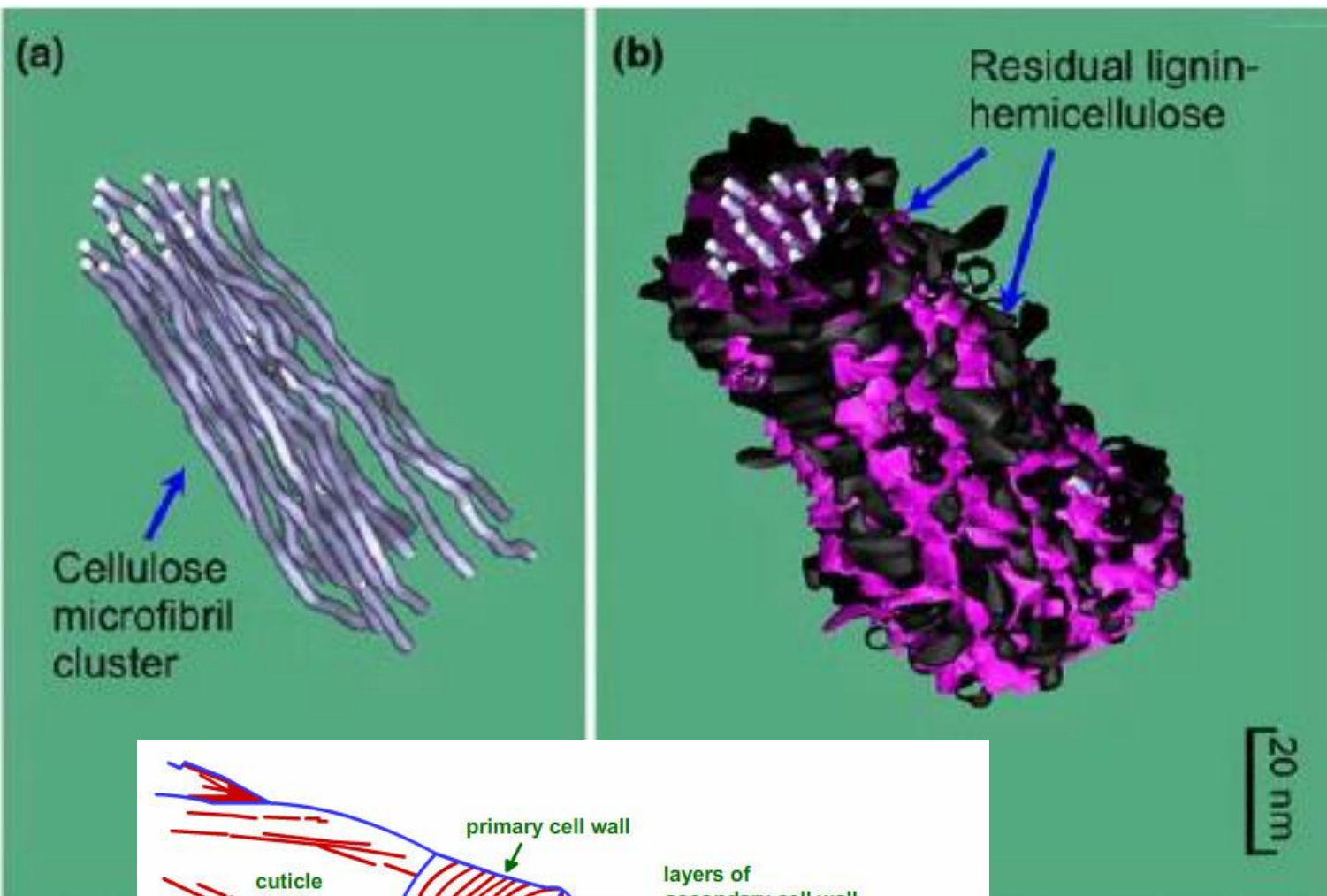












Fabachrome™ Pretreatment

- **Permanently Infused into the Fibers of Any Natural Fabric – Silk; Cotton; Etc.**
- **Fabachrome™ Digitally Printed Fabrics**
- **Extremely Durable & Highly Washfast**
- **Stain-Resistance & Bleach-Resistance**
- **Dye-Based Deep Penetration Chemistry**

Aqueous Non-Toxic Fabric Pretreatment



Sustainability & Performance

- **Sustainable Printing & Manufacturing Methods**
- **Integrated Approach to Sustainability:**
 - **Product Quality**
 - **Materials**
 - **Processes**

Ø ZDHC
Zero Discharge of
Hazardous Chemicals

Sustainability & Performance



Single Step Waterless Textile Printing

- **Print Any Fabric:**
- **Blends**
- **Thick Fabrics**
- **Technical Fabrics**
- **Non-Woven Materials**





Fabachrome™ Methodology

- **Padding or Spraying (or Screening) Process**
- **Dye Sub Heat Transfer or Direct Sublimation**
- **In-Line Pretreatment or Modular Pad/Spray**
- **Fabric-Independent Digital Textile Printing**
- **Same Color Profile Applied to All Fabrics**
- **Sublimation Time is Typically 50 Seconds**

Padding or Spraying



