

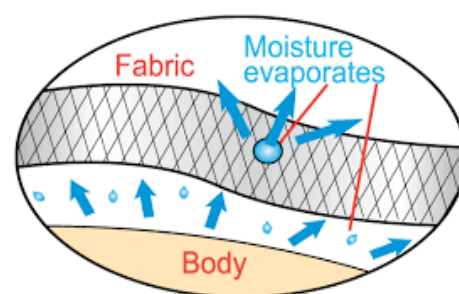


WATER REPELLENT FINISH – CONCLUDING PART

REF: TT/ MAY 2018 / WK 5

New developments in water repellent treatments

Many water-repellent treatments inhibit a fabric's ability to breathe and transfer moisture vapour effectively. It does not affect the natural ability of cotton fabrics to breathe and keep you cool. Although it repels liquids, the finish still allows moisture vapour to pass through the fabric where it can dissipate into the environment, naturally keeping you more comfortable.



Application of Water Repellent finishing on the garment

Unlike water-repellent coatings typically applied to the fabric, the finish is applied at the garment stage. This allows for greater flexibility to apply various garment finishing techniques to achieve the desired styling and appearance of the finished product. The finish is applied through garment dipping or by metered spray application in a garment machine. The finish must then be cured at the correct time and temperature to ensure durability and permanence over the life of the garment.

Summary

There has been a growing demand to provide water/stain repellency properties to apparel goods. The development of these finishes has taken place in response to the consumers' growing need for easy care fabrics. Water repellent fabrics can be used for a variety of end uses such as outerwear, where the requirement is for high degree of water repellency. Other common end uses for these finishes include upholstery, rugs, carpets, protective clothing, uniforms, tablecloths, wallpaper etc.

Water-repellent finishes can provide durable liquid repellency without compromising the natural feel of cotton. With proper chemical treatments, fabric construction, fabric/ garments benefits to the wearer such as staying clean for a longer period, faster drying and protection from rain can be produced.

Wishing you a great week ahead!

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