

Comparison of Non-Fluorinated Coatings for Textiles and Nonwovens

	FibraLAST AG-1000	FibraLAST AG-1100	Silicone (PDMS)- based coatings	Urethane-type coatings	Parrafin-type coatings	Acrylate/wax- type coatings
Water repellency on Nonwovens						
Oil repellency on Nonwovens						
Water Repellency on Cotton						
Oil repellency on Cotton						
Water repellency on Synthetics						
Oil repellency on Synthetics						
Water repellency on Aramids					•	
Oil repellency on Aramids						
Resists isopropyl Alcohol						
Oil-based stains bead up and wipe off easily						
Dynamic Water repellency						
Cleanability					•	
Wash durability					•	
Fabric remains breathable						
Can be applied via dipping, spray-coating or padding						

Relative strength when compared to other non-fluorinated coatings

There are several options for non-fluorinated coatings that provide some repellency for textiles. However, only FibraLAST coatings effectively repels both oil and water from both woven and nonwoven fabrics. In addition, FibraLast coatings:

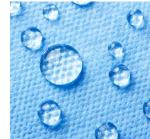
Little

- Can be applied via dipping, industrial spray-coating or padding.
- Are cationically stabilized polymer emulsions. Non-ionically stabilized polymers are also available.

Medium

- Resist oil-based stains while preserving the fabrics' breathability.
- Provide excellent resistance to isopropyl alcohol.











Very Strong