



Next generation, silicone-free hydrophilic finishing treatment for nonwovens

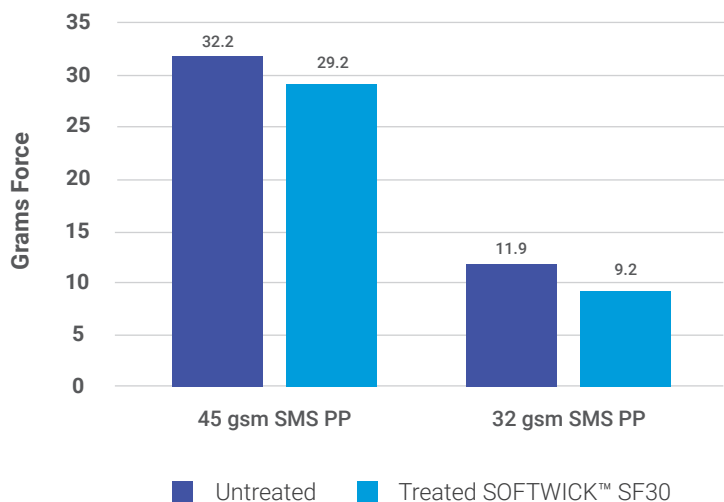
SOFTWICK™ SF30 silicone-free hydrophilic finishing treatment for nonwoven fabrics is a dual-action treatment, providing softness and wicking properties for improved fluid management.

SOFTWICK™ SF30 has been developed for polyester, polyethylene, polypropylene, and cellulose nonwoven substrates including disposable hygiene, wipes, medical gowns, and other applications that require both softness and wicking properties.

Unique to **SOFTWICK™ SF30** is the ability to impart softness and wicking in a single application, improving comfort in end-use applications and enhancing wicking performance. For many applications, better wicking means better fluid management, offering the potential to design garment systems that require less bulky material thus lowering bulk, weight, and cost. This helps deliver end-use advantages that conform to hygiene trends such as greater comfort and discretion.

Softness Performance Characteristics

Softness - Handle-o-meter



Property

SOFTWICK™ SF30

Polymer Characteristics	Soft, hydrophilic
Total Solids in %	34.5
pH Value	7.5
Solubility (in water)	Miscible in all proportions at room temperature
Shelf Life	12 months
Ionic Charge	Amphoteric

Features

- Silicone-free hydrophilic finishing treatment for nonwovens
- Single treatment for softness and wicking
- Imparts permanent hydrophilicity without transfer / migration
- Superior wicking that enables thinner substrates and end-use products

Applications

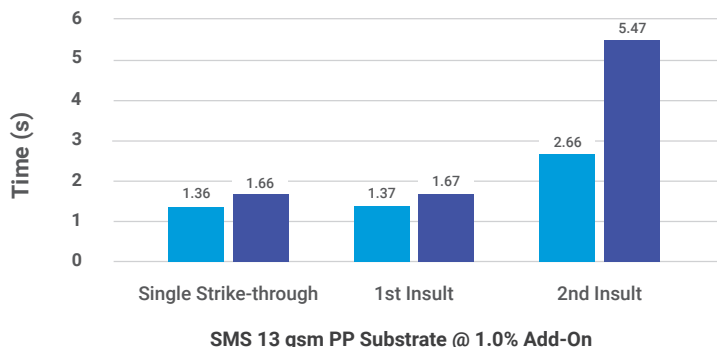


SOFTWICK™ SF30 modifies the surface tension of hydrophobic nonwovens (left) to accept, retain, and distribute fluids (right).

Wicking Performance Characteristics

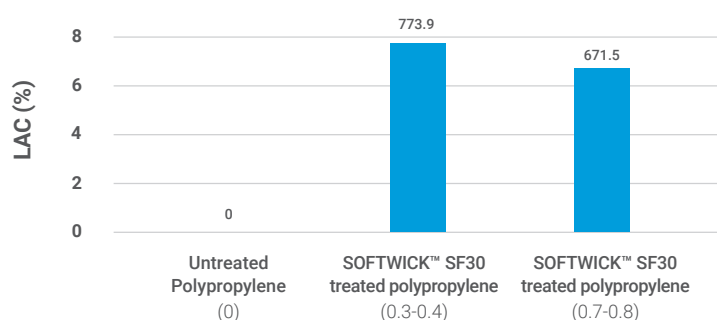
■ SOFTWICK™ SF30 ■ Incumbent Technology

Strike-through Initial



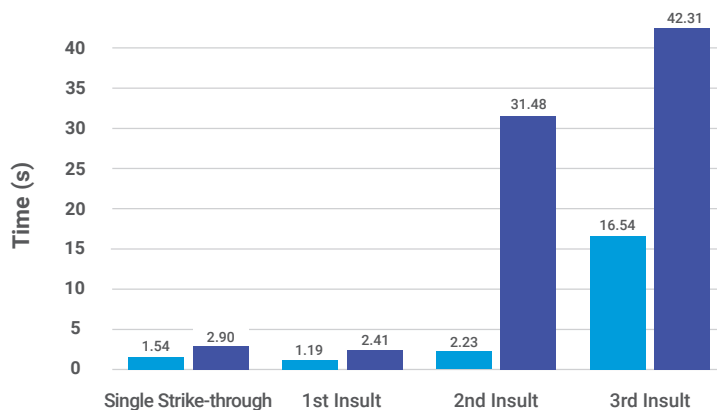
SMS 13 gsm PP Substrate @ 1.0% Add-On

Liquid Absorptive Capacity (LAC)



Substrate With Add-on (%)

Strike-through



SMS 13 gsm PP Substrate @ 0.5% Add-On

	Parameter	SOFTWICK™ SF30	Incumbent
Wicking	Horizontal (mm)	65	0
	Vertical MD (mm)	25	0
	Vertical CD (mm)	20	0
Rewet	Rewet (g)	< 0.30	< 0.30

In addition to softening nonwovens, **SOFTWICK™ SF30** imparts wicking properties that open up opportunities for enhanced functionality.

So **SOFTWICK™ SF30** outperforms the incumbent product in single and multiple strike-through.

SOFTWICK™ SF30 outperforms the incumbent product at low add-on levels.