

# BURCOSIL® R WAF



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## Hydrophilic Silicone For Moisture Management Properties

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*Customer Technical Service*

*Providing Textile Innovations*

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### ***What it does . . . Benefits and Features***

- Gives a soft, silky hand similar to amino-functional silicones
- Provides wicking and moisture management properties to synthetics (polyamides, polyester, acrylics) and cotton
- Offers non-yellowing properties
- Suitable for continuous pad and exhaust applications

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### ***How it's used . . . Effective Application***

For synthetics (such as polyamide and polyester) and natural fibers (such as cotton).

For batch application, apply 1.0 to 3.0 g/L at a pH of 4.0-4.5 at 49C (120F) for 15 – 30 minutes, drop and unload.

For continuous pad application, apply 10.0 to 30.0 g/L at 27 – 32C (80-90F) and dry/cure by typical finishing conditions.

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### ***What it is . . . Physical Properties***

Appearance:	Clear to translucent liquid
pH (10 g/L solution):	5.0
Ionic Nature:	Mildly cationic
Specific Gravity:	0.99 g/cm <sup>3</sup>
Dilution:	Dilute with water at 27 – 38C (80 – 100F)

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