



FilterFAB 3000 DEV

PRODUCT DESCRIPTION

FilterFAB 3000 DEV is a surfactant stabilized, internally crosslinked, vinyl acrylic copolymer emulsion developed as an adherent to improve filtration properties of HVAC filter media. FilterFAB 3000 DEV is designed to be sprayed on the surface of the filter media to enhance particle entrapment in residential and commercial HVAC systems. Due to its fast drying capability FilterFAB 3000 DEV can be incorporated into many HVAC filter production lines without decreasing productivity.

PHYSICAL PROPERTIES

Polymer Type: Vinyl Acrylic

Protective System: Anionic

Appearance: White colored liquid

Viscosity (cps): 100 Max (RVF, Spindle #2/100 RPM/77°F)

Percent Solids: 46.0 - 48.5

pH: 3.8 - 4.8

Specific gravity: 1.02 **Weight Per Gallon:** 8.5

KEY PRODUCT FEATURES

- Fast setting adhesive due to atomizing
- Low VOC
- Formaldehyde-free
- Easy clean-up with water

PERFORMANCE PROPERTIES

A 1 mil (28g/M²) dry film of FilterFAB 3000 DEV cast directly onto 1 mil thickness polyester film will exhibit the following average performance properties when tested on #304 stainless steel, which has a #3 surface finish.

Test	Typical Values	Specification Range
180° Peel ¹ (lbs)	2.4	1.9 minimum
Loop Tack ² (lbs)	2.5	1.7 minimum

¹Franklin International 03QC5002, 30 minute dwell.

²Franklin International 03QC5004, 1 square inch contact, 1 second dwell.

STORAGE AND HANDLING

Shelf life: Best if used within three months of date of manufacture. Mix before use. Product is not freeze thaw stable. Frozen product will have a separated and or lumpy appearance.

For additional questions, Franklin's technical service team is available at 1.800.877.4583. **24/7** technical service is available online at www.franklinadhesivesandpolymers.com.

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