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.

<table>
<thead>
<tr>
<th>Test</th>
<th>Typical Values</th>
<th>Specification Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>180° Peel¹ (lbs)</td>
<td>2.4</td>
<td>1.9 minimum</td>
</tr>
<tr>
<td>Loop Tack² (lbs)</td>
<td>2.5</td>
<td>1.7 minimum</td>
</tr>
</tbody>
</table>

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](http://www.franklinadhesivesandpolymers.com).

IMPORTANT NOTICE TO CUSTOMER:

The recommendations and data contained in this Product Data Sheet for use of this product are based on information Franklin believes to be reliable. They are offered in good faith without guarantee, as conditions and methods for use of our product by Customer and are beyond Franklin’s control. Customer must determine the suitability of the product for a particular application before adopting it on a commercial scale.

All orders for Franklin products shall be subject to Franklin International, Inc.'s Standard Terms and Conditions of Sale which may be found at [http://www.franklini.com/Terms_and_Conditions.aspx](http://www.franklini.com/Terms_and_Conditions.aspx) ("Standard Terms"). Different or additional terms proposed by Customer are expressly rejected and shall not become part of the agreement between Customer and Franklin International, Inc. with respect to any order. Contact Franklin International, Inc. immediately if you cannot access our Standard Terms and we will provide you a copy upon request. Any sale of products by Franklin to Customer is expressly conditional upon Customer’s consent to the Standard Terms, and Customer’s acceptance of any performance by, or receipt of products from, Franklin International, Inc. shall constitute Customer’s acceptance of the Standard Terms and Conditions of Sale.

©Copyright 2015. All rights reserved. Franklin International. Revised 12/30/15.