

# COVENTRY™ Clean Room Products

Division of ITW Chemtronics®

## V-Groove and Ferrule Cleaning Swab

TDS # 38542F

### PRODUCT DESCRIPTION

The Coventry™ V-Groove and Ferrule Cleaning Swabs are constructed from cleanroom quality, synthetic materials. The head is thermoformed and welded to the handle in a single step using a proprietary process that yields an exceptionally clean swab that will not fall apart. The heads are made from a polyester non-woven fabric. These swabs are resistant to many acids and solvents including acetone. They are characterized by the following features:

- Excellent strength
- High absorbency and absorbency rate
- Excellent solvent compatibility
- Does not generate loose fibers or particles
- No adhesives or binders are used in the construction
- Good for tight tolerance work
- Delicate edge and fabric head will not scratch

### TYPICAL APPLICATIONS

- Designed specifically for V-groove cleaning in fusion splice equipment
- Can be used as ferrule cleaner
- Works best with Electro-Wash® PX solvent but can remove dust particles when dry
- Micro mechanical cleaning
- Good for cleaning very small slits and crevices
- Delicate surfaces and parts

### COMPATIBILITY

Non-Woven Polyester Fabric Head is made from pure spun lace, hydro-entangled 100% polyester fiber. It is compatible with most common solvents and dilute or weak acids, as well as ketones such as acetone or MEK.

Polypropylene handle is compatible with all common solvents including most acids.

These swabs are specifically, designed for use with ITW Chemtronics' cleaning solvents; Electro-Wash® PX, Electro-Wash® MX and Electro-Wash® CZ. For detailed instructions, on the Combination Cleaning Process™ refer to FO-Chem-4.

### AVAILABILITY

**38540** 2.75 " (7.0 cm) Polypropylene flexible tip paddle handle, 0.12" (3.0 mm), non-woven polyester fabric head, 500 swabs/ bag, 10 bags/case

**38542F** 2.75 " (7.0 cm) Polypropylene flexible tip paddle handle, 0.12" (3.0 mm), non-woven polyester fabric head, 50 swabs/ tube, 18 tubes/case



### MANUFACTURED BY:

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REV. (06/07)

# TECHNICAL HOT LINE 1-800-TECH-401

# SEALED POLYESTER SWABS TEST DATA

<b>Head Material</b>	<b>Spun Lace Hydro-Entangled Polyester Non-Woven Fabric</b>
<b>Swabs</b>	<b>38540; 38542F (EFB-11)</b>
Head Diameter	0.12" (3.0 mm)
Handle Length	2.75" (7.0 cm)
<b>Particles:</b>	
0.5 - 1 $\mu\text{m}$	514
1.0 - 2 $\mu\text{m}$	64
2.0 - 5 $\mu\text{m}$	3
5.0 - 10 $\mu\text{m}$	1
10 - 25 $\mu\text{m}$	3
over 25 $\mu\text{m}$	2
TOTAL	587
<b>N V R</b> ( $\mu\text{g}/\text{swab}$ )	none detected
<b>Chlorides</b> ( $\mu\text{g}/\text{swab}$ )	1

The swabs were tested by Particle Measurement Technology. All tests were done using the recommended practices of the Institute of Environmental Science, Swabs and Wipes Working Group.

## RELATED PRODUCTS

25183	Swab for 2.5mm Connector Cleaning
25125F	Swab for 1.25mm Connector Cleaning
38542F	Swab for Ferrule and Fusion Splice V-Groove
51125F	Fusion Splice Mirror Cleaning Swab
QbE®	Fiber Optic Cleaning System
ES7100	Electro-Wash® CZ Aerosol
ES810	Electro-Wash® PX Aerosol
ES1621	Electro-Wash® MX Aerosol
FW2150	Electro-Wash® MX Pen
CFK1000	Fiber Optic Cleaning Kit

## TECHNICAL ASSISTANCE

ITW Chemtronics provides a technical hotline to answer your technical and application related questions.

The toll free number is: **1-800-TECH-401**

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