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COVENTRY™ Clean Room Products

Division of ITW Chemtronics®

TDS # 51125F

Wrapped Polyester Swabs for Fiber Optics

PRODUCT DESCRIPTION

Coventry™ Wrapped Polyester Swabs consist of 100% continuous monofilament, cleanroom, polyester knit fabric held in place using a fluoropolymer shrink tube. These swabs are low in nonvolatile residue, ionic and particulate contamination, while providing exceptional strength and solvent resistance. They are characterized by the following features:

- No edge seamless head design eliminates seams and reduces scratch potential
- 'Pillow-Tipped' design provides high solvent capacity and cushioning for delicate parts
- High strength, durable head
- Low particulate and nonvolatile residue contamination
- No adhesives or binders are used in the construction
- Excellent solvent compatibility

TYPICAL APPLICATIONS

- Designed to clean fusion splice mirrors
- Replaces cotton tip swabs with fiber free design
- Replaces wood handled swabs with cleanroom compatible material
- Micro Mechanical Cleaning

COMPATIBILITY

Polyester Fabric Heads are compatible with most common solvents such as aliphatic solvents, isopropyl alcohol, methyl alcohol, dilute or weak acids, and ketones such as acetone or MEK.

Glass Filled Nylon Handles are stiff for physical stoutness and resistance to most chemical solvents.

AVAILABILITY

51125F 2.75 " (7.1 cm) Glass Filled Nylon Handle,
0.23" (5.90 mm)) Wrapped Polyester Head,
15 swabs/ tube
18 tubes/case

Available as EFB-12

MANUFACTURED BY:

COVENTRY™ Clean Room Products
Division of ITW Chemtronics®
8125 Cobb Center Drive
Kennesaw, GA 30152 USA
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REV. (01/06)

TECHNICAL HOT LINE 1-800-TECH-401

Wrapped Polyester Swabs for Fiber Optics

Head Material	Wrapped Polyester Knit Fabric
Swabs:	51125F (EFB-12)
Head Diameter	0.23" (5.7 mm)
Handle Length	2.80" (7.1 cm)
Particle Counts:	
0.5 - 1 um	3,463
1.0 - 2 um	1,605
2.0 - 5 um	206
5.0 - 10 um	29
10 - 25 um	14
over 25 um	23
TOTAL	5,340
NVR (ug/swab)	none detected
Chlorides (ug/swab)	3

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.

TECHNICAL AND APPLICATION ASSISTANCE

Coventry™ Clean Room Products 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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