



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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COVENTRY™ Clean Room Products

Division of Chemtronics

Wrapped Polyester & Diamond Swabs™

TDS # 5000

PRODUCT DESCRIPTION

Coventry™ **Wrapped Polyester Swabs** and **Diamond Swabs™** consist of polyester knit fabric which is either thermally bonded to the handle or held in place using a shrink tube. These swabs are low in nonvolatile residue, ionic and particulate contamination, while providing exceptional strength and solvent resistance. The **Diamond Swab™** uses a tubular knit fabric head to create "The Cleanest Swab in the World". This Swab is designed for ultra critical applications where contamination is of the utmost concern.

- No edge seamless head design on all swabs
- High strength , durable head
- Low particulate and nonvolatile residue contamination
- No adhesives or binders are used in the construction
- Excellent solvent compatibility
- Available Aqua-Prime™ processed

TYPICAL APPLICATIONS

Coventry™ **Wrapped Polyester** and **Diamond Swabs™** can be used to:

- Clean High End Disk Drive Components
- Clean Surfaces for the Aerospace Industry
- Micro Mechanical Cleaning
- Validate cleanliness of Manufacturing
- Surfaces for the Pharmaceutical and Biotechnical Industry

COMPATIBILITY

Polyester Fabric Heads and Glass Filled Nylon Handles are compatible with most common solvents such as isopropyl alcohol, methanol and dilute or weak acids, as well as ketones such as acetone or methyl ethyl ketone.

AVAILABILITY

51121 2.80 " (7.1 cm) Glass Filled Nylon Handle, 0.23" (5.80 mm)) Wrapped Polyester Head, 25/ bag

52121 6.3 " (16.0 cm) Glass Filled Nylon Handle, 0.23" (5.90 mm)) Wrapped Polyester Head, 25/ bag

Diamond Swabs™

51353 2.80 " (7.1 cm) Glass Filled Nylon Handle, 0.12" (3.0 mm) at tip, 0.18" (4.8mm) at head base, Tubular Knit Head, 100/ bag

51353I 2.80 " (7.1 cm) Glass Filled Nylon Handle, 0.12" (3.0 mm) , 0.18" (4.8mm) at head base, Tubular Knit Head, 100/ bag Aqua-Prime™ Processed

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REV. A (08/13)

TECHNICAL HOT LINE 1-800-TECH-401

Wrapped Polyester & Diamond Swabs™ Test Data

Head Material	Wrapped Polyester Knit Fabric		
Swabs:	52121	51353	51353I
Head Diameter	0.23" (5.9 mm)	0.12" (3.0 mm)	0.12" (3.0 mm)
Handle Length	6.3" (16.0 cm)	2.80" (7.1 cm)	2.80" (7.1 cm)
Particle Counts:			
0.5 - 1 um	3,463	718	269
1.0 - 2 um	1,605	182	93
2.0 - 5 um	206	27	17
5.0 - 10 um	29	23	3
10 - 25 um	14	21	7
over 25 um	23	6	6
TOTAL	5,340	977	395
NVR (ug/swab)	none detected	none detected	none detected
Chlorides (ug/swab)	3	4	1

The swabs were tested by Particle Measurement Technology. All the swabs 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**.

DISTRIBUTED BY:

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