

ScrubDISK® For Probe Cards

cleaning critical surfaces

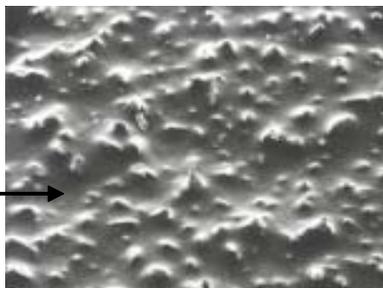
Description

ScrubDISK® for Probe Card Cleaning leverages our industry-leading ScrubPAD abrasive cleaning technology, which over the past ten years has become the preferred method for cleaning vacuum process chambers in the Semiconductor and LCD industries. ScrubDISK® employs our patented abrasive technology that seats 5 micron Silicon Carbide abrasive crystals in a pre-laminated layer of epoxy.

This allows the crystal to flex in order to make better, more complete contact with the tip and vertical surfaces of the pins. And, because the crystals are not premixed in the epoxy, the probe tip makes much less contact with the epoxy minimizing residue transfer to the tip.

Finally the epoxy cushioning layer further minimizes crystal particle size non-uniformity resulting in safe, fast cleaning of probe tips. And to minimize the risk of PSA residue transferring to the pins the double-sided tape is recessed 4mm from the OD of the Mylar layer.

Epoxy that will transfer to probe tip



Traditional Coated Abrasive



SiC abrasive crystals for more complete probe tip cleaning.

ScrubDISK®

Feature

Unique three layer (substrate/cushion-epoxy layer/crystal layer) design

Cushion resin layer allows abrasive crystal to flex to better conform to the shape of the probe tip

Abrasive crystals are seated iceberg style in the epoxy layer

Benefit

Probe tips make contact with only abrasive crystals minimizing transfer of Epoxy residue to the tip

Enables better cleaning of the vertical surfaces on the probe tip

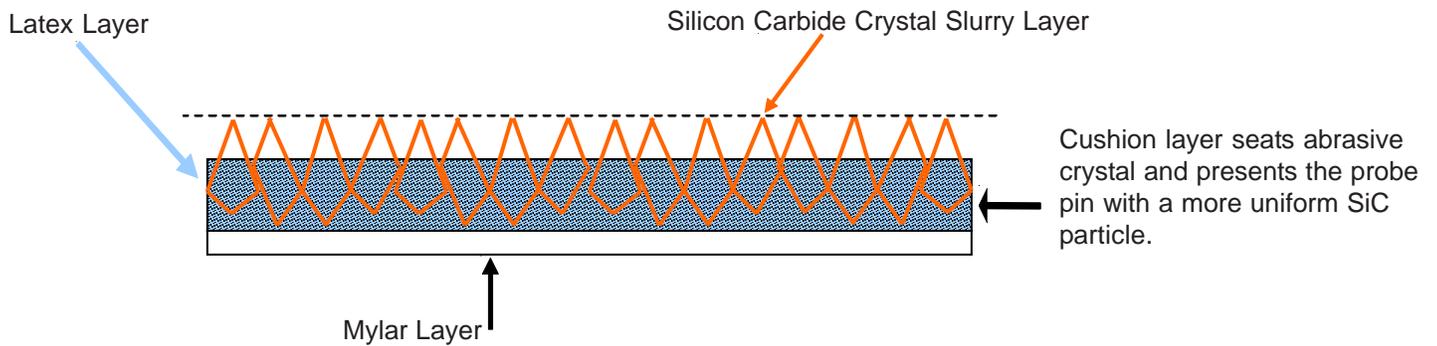
Crystal shape and particle size uniformity is improved leading to more consistent cleaning results



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Specifications

	<u>Value</u>	<u>Tolerance</u>
ScrubDISK® Thickness	.3mm	+/- 6%
Abrasive Layer Thickness	.1mm	+/- 5%
Cushion/Epoxy Layer Thickness	.076mm	+/- 8%
Mylar Sheet Thickness	.025mm	+/- 3%
PSA Thickness	.099mm	+/- 6%
Abrasive Sheet Diameter	296mm	+/- 5%
Mylar Diameter	292mm	+/- 3%
Crystal Particle Size	5 Micron	+/- 3%

Part Number

<u>Part Number</u>	<u>Description</u>	<u>Packaging</u>
HT45159C9G-1	296 mm ScrubDISK®, 5 Micron SiC Crystal (Mylar w/ PSA backing)	1/Bag



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