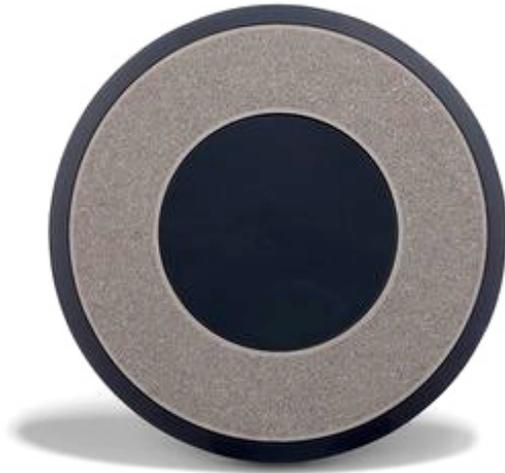


3M™ Diamond Pad Conditioner A3700



Introduction

Highly engineered pad conditioners deliver reliable performance for critical semiconductor CMP applications. Utilizes Sintered Abrasive Technology for excellent diamond retention, with controlled diamond placement and protrusion.

Features and Benefits

- Helps to reduce the number of maintenance shutdowns, increasing the potential for lower cost of ownership
- Optimized for extended pad and disk life
- Diamonds secured with both chemical and mechanical bonds for excellent retention
- Exclusive polymer substrate enhances corrosion resistance

3M Stock #:

XA004109774

General Description

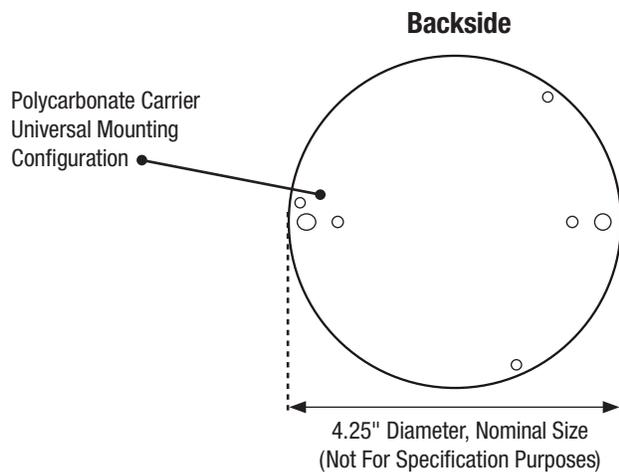
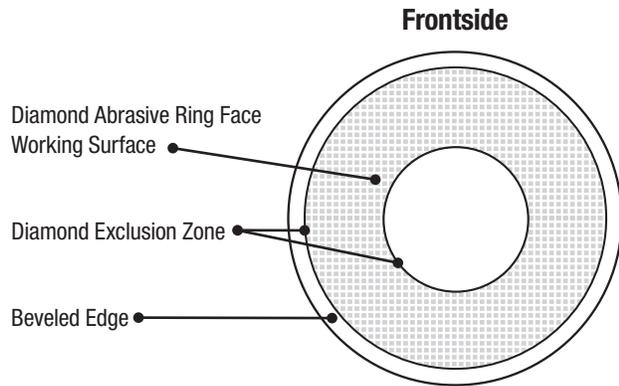
Product Type	Diamond Pad Conditioner
Product ID	3M™ Diamond Pad Conditioner A3700
Manufacturer	3M Company
Manufacturing Location	Singapore

Pad Conditioner Construction

Carrier (substrate material)	Polycarbonate, grey
Carrier Format	Disk, with bevel edge
Carrier Size (diameter, nominal size)	4.25 in
Abrasive Material	Nickel based alloy with patterned diamond
Abrasive Working Surface	Ring face

Design Parameters

Diamond Size (nominal size)	151 µm
Diamond Type	Type 9, sharp
Diamond Pattern Type	Square array
Flatness	<100 µm
Aggressiveness Value (BL)	25-35



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Regulatory: For regulatory information about this product, contact your 3M representative.

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Electronics Materials Solutions Division

3M Center, Building 225-3S-06
 St. Paul, MN 55144-1000
 1-800-251-8634 phone
 651-778-4244 fax
www.3M.com/electronics

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