

# 3M™ CMP Pad Conditioner Brush PB52A



## 3M Stock #:

60-0200-1254-2

## General Description

Product Type	Pad Conditioner Brush
Product ID	3M™ CMP Pad Conditioner Brush PB52A
Manufacturer	3M Company
Manufacturing Location	Cottage Grove, Minnesota, USA

## Introduction

Engineered CMP pad brushes are designed for critical semiconductor buff CMP applications.

## Features and Benefits

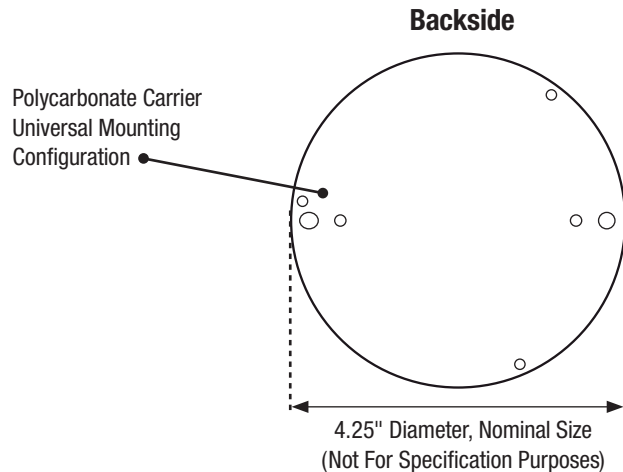
- Exclusive polymer substrate enhances corrosion resistance
- Durable brush bristles assist with removal of pad debris from porometric and felt-based pads
- Easy connection to polishing tool end effector

## Pad Conditioner Construction

Carrier (substrate material)	Polycarbonate, black
Carrier Format	Disk
Carrier Size (diameter, nominal size)	4.25 in.
Working Surface	Full face

## Design Parameters

Fiber Length (nominal)	0.34 in.
Fiber Density	>1200/sq. in.
Fiber Diameter (nominal)	0.010 in.
Brush Material	Nylon



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

**Technical Information:** The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

**Product Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

**Warranty, Limited Remedy, and Disclaimer:** Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

**Limitation of Liability:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



## 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](http://www.3M.com/electronics)

3M is a trademark of 3M Company.  
Please recycle.  
© 3M 2014. All rights reserved.  
60-5002-0275-3

