

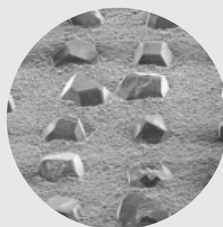
## 3M™ Diamond Pad Conditioner C Series

### The diamond pad conditioner you trust, improved

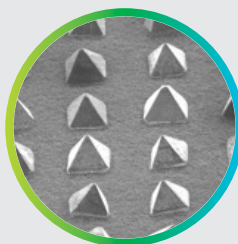
For more than 25 years, 3M scientists have been working to bring greater consistency and control to your pad conditioning process. The 3M™ Diamond Pad Conditioner C Series is the next step in that evolution.

3M™ Diamond Pad Conditioner C Series combines tried-and-true 3M sintered abrasive technology with precision diamond grid positioning at the micrometer scale. Plus, it further controls co-planarity and flatness for even more consistent performance.

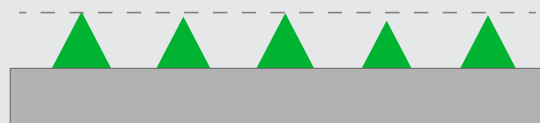
#### Extra-precise diamond placement for meaningful process improvements



**Legacy 3M  
diamond pad  
conditioner**



**3M™ Diamond  
Pad Conditioner  
C Series**



# Tunable. Reliable. Optimized.



## Tunable Performance

- ▶ Broad range of diamond sizes, shapes and patterns available
- ▶ Choose your diamond grid pitch: 510  $\mu\text{m}$ , 625  $\mu\text{m}$ , 884  $\mu\text{m}$ , 1667  $\mu\text{m}$  and more

## Improved Consistency

- ▶ Tight process control helps maintain high tip-up ratio from conditioner to conditioner — 80%+ in testing
- ▶ The same proprietary sintered abrasive technology as 3M™ Diamond Pad Conditioners firmly secures diamonds to the conditioner

## Optimized Topography

- ▶ Consistent conditioner co-planarity and flatness help enable highly controlled activated pad roughness

## 3M™ CMP Pad Conditioner Coatings

Enjoy effective conditioning for metal-sensitive processes. 3M™ CMP Pad Conditioner Coatings are a durable layer over the pad conditioner, which can help reduce metal leaching by up to 75%. The coating combines with powerful 3M sintered abrasive technology to further minimize micro and macro scratching defects.



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

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