3M™ Polishing Films
291X • 298X • 491X • 498X • 591X • 598X

Product Description
3M™ Polishing Films 291X, 298X, 491X, 498X, 591X and 598X are comprised of micron graded mineral that has been coated onto a fibrous (flocked) polyester film backing. Designed to break down into a slurry during use with water.

Applications
- MT fiber optic connector polishing and wafer edge cleaning

Key Advantages
- Better control of fiber protrusion
- Improved throughout
- Fewer rejects
- Elimination of slurry clean-up
- Reduced equipment maintenance costs

Product I.D. Mineral Size Grading Chart

<table>
<thead>
<tr>
<th>Product ID (plain back)</th>
<th>Product ID (PSA back)</th>
<th>Mineral</th>
<th>Micron Grade (nominal)</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>291X</td>
<td>298X</td>
<td>Aluminum Oxide</td>
<td>0.50</td>
<td>Pink</td>
</tr>
<tr>
<td>291X</td>
<td>298X</td>
<td>Aluminum Oxide</td>
<td>1.00</td>
<td>Light Green</td>
</tr>
<tr>
<td>491X</td>
<td>498X</td>
<td>Silicon Carbide</td>
<td>3.00</td>
<td>Gray</td>
</tr>
<tr>
<td>591X</td>
<td>598X</td>
<td>Cerium Oxide</td>
<td>0.50</td>
<td>Light Orange</td>
</tr>
<tr>
<td>591X</td>
<td>598X</td>
<td>Cerium Oxide</td>
<td>1.00</td>
<td>Light Orange</td>
</tr>
</tbody>
</table>

Converted Forms
- Sheets, Discs and Rolls
- Maximum width 22”

Backig
- Flocked fibers on 2 mil polyester film
Storage and Shelf Life
The shelf life of 3M™ Polishing Films 291X, 298X, 491X, 498X, 591X and 598X is 24 months from the date of manufacture when stored in the original packaging materials and stored at 50-90°F (10-32°C) and 30-70% relative humidity.

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.

3M is a trademark of 3M Company.

Please recycle.

©3M 2017. All rights reserved.