



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

3M™ Polishing Films 291X, 298X, 491X, 498X, 591X and 598X				
Product ID (plain back)	Product ID (PSA back)	Mineral	Micron Grade (nominal)	Color
291X	298X	Aluminum Oxide	0.50	Pink
291X	298X	Aluminum Oxide	1.00	Light Green
491X	498X	Silicon Carbide	3.00	Gray
591X	598X	Cerium Oxide	0.50	Light Orange
591X	598X	Cerium Oxide	1.00	Light Orange

Converted Forms

- Sheets, Discs and Rolls
- Maximum width 22"

Backing

- 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.

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