



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™ Lapping Film 461X, 462X, 463X, 466X, 468X, 468XY and 468XW

Product Description

Tightly graded silicon carbide mineral slurry coated onto polyester film backings. Available with or without PSA (Pressure Sensitive Adhesive).

Applications

Fiber optic connector polishing, flat lapping, superfinishing.

Key Features

- Produces excellent surface finish.
- Reduces overall process time.
- Produces high yields.
- Non-slurry processing.

Product I.D.

Product ID (plain back)	Product ID (with PSA backing)	Resin Type
461X	468X	Standard
462X	468XY	Harder resin
463X	468XW	Easy breakdown resin for MT connector polishing
–	466X	More durable resin (Type P)

*Not all products are available in all grades.

Converted Forms

Sheets, Discs and Rolls
Maximum width 26 in.

Backing

Polyester Film
Nominal thickness: 3 mil.

Mineral Size Grading Chart

Micron Grade (nominal)	Color
3	Gray
5	Gray
9	Gray
15	Gray
30	Green

Storage and Shelf Life

Recommended Storage Conditions:

Temperature 50 - 90°F (10 - 32°C)

Relative humidity 30 - 70%

(There is no degradation with time. It is recommended that product be used within 24 months of purchase.)



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Certification/Recognition

MSDS: 3M has prepared a MSDS for these products, although they are not subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, these products should not present a health and safety hazard. However, use or processing of these products in a manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards.

TSCA: These products are defined as an article under the Toxic Substances Control Act and therefore, they are exempt from inventory listing requirements.

RoHs Complaint/REACH Compliant: These products comply with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative and with European REACH regulations 2002/95/EC and 2005/618/EC.

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-866-599-4227.

Address correspondence to: 3M, Electronics Markets Materials Division, 3M Center, Building 225-3S-06, St. Paul, MN 55144-1000.

Our fax number is 651-778-4244 or 1-877-369-2923.

In Canada, phone: 1-800-364-3577.

In Puerto Rico, phone: 1-787-750-3000.

In Mexico, phone: 52-70-04-00.

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