

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.)



3M™ Lapping Film

461X, 462X, 463X, 466X, 468X, 468XY and 468XW

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.

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture at the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



Electronics Markets Materials Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
1-866-599-4227 phone
651-778-4244 fax
www.3M.com/electronics

3M is a trademark of 3M Company.
Please recycle. Printed in U.S.A.
©3M 2010. All rights reserved.
60-5002-0037-7

