

[Learn More](#)**Manufacturer:**

3M™

**Product Name:**

3M™ 263X Aluminum Oxide Lapping Film Disc - 4 inch 0.05µm (micron)

**Manufacturer Part Number:**

AO005-263X-403N

[Click here for more details on the 3M™ 263X Aluminum Oxide Lapping Film Disc - 4 inch 0.05µm \(micron\)](#)

Technical Data | November 2023

## 3M™ Lapping Films Series 261X, 262X, 263X, 265X, 266X, 268X and 264M

**Product Description**

3M™ Lapping Films Series 261X, 262X, 263X, 265X, 266X and 268X and 264M are constructed with tightly graded aluminum oxide minerals slurry coated onto a polyester film backing. These films are available with or without PSA (Pressure Sensitive Adhesive).

**Applications**

Fiber optic connector polishing, flat lapping, superfinishing and media head finishing.

**Key Features**

- Produces excellent surface finish
- Efficient polishing can help reduce overall process time
- Precise polishing can help produce higher yields
- Slurry not required

**Product Construction/Material Description**

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes. Not all products are available in all grades or mineral sizes.

| Product ID<br>(plain back) | Product ID<br>(PSA back) | Backing | Resin Type    |
|----------------------------|--------------------------|---------|---------------|
| 261X                       | 268X                     | 3 mil   | Standard      |
| 262X                       | 265X                     | 3 mil   | Standard      |
| 263X                       | 266X                     | 3 mil   | Hard (Type P) |
| 264M                       | N/A                      | 3 mil   | Standard      |

**Converted Forms**

- Sheets, discs and rolls
- Maximum width 26 inches

**Backing**

- Polyester film, nominal thickness is 3 mil.

**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

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23 Centre Street • New Bedford, MA 02740 USA

Product specifications and data are subject to change without notice. FOC last update 1/8/2026.

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| Micron Grade<br>(nominal) | Color  |
|---------------------------|--------|
| 0.05                      | White  |
| 0.3                       | White  |
| 0.5                       | White  |
| 1                         | Green  |
| 2                         | Teal   |
| 3                         | Pink   |
| 5                         | Brown  |
| 9                         | Blue   |
| 12                        | Yellow |
| 30                        | Green  |
| 40                        | Blue   |
| 60                        | White  |

**Storage and Shelf Life**

The shelf life of 3M™ Lapping Films 261X, 262X, 263X and 264M is 5 years from the date of manufacture when stored in the original packaging materials and stored at 10°C - 30° C (50°F - 86°F) and 30-60% relative humidity.

The shelf life of 3M™ Lapping Films 268X, 265X and 266X is 24 months from the date of manufacture when stored in the original packaging materials and stored at 10°C - 30° C (50°F - 86°F) and 30-60% relative humidity.

**Certificate of Analysis (COA)**

The 3M Certificate of Analysis (COA) for this product is established when the product is manufactured and deemed commercially available from 3M. The COA contains references to the 3M specifications, test method names, and test results for the product's performance attributes that the product will be supplied against.

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## 3M™ Lapping Films 261X, 262X, 263X, 265X, 266X, 268X and 264M

**Safety Data Sheet:** Consult Safety Data Sheet before use.

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

**Technical Information:** The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

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