



## PRECISION AT ITS FINEST

### FINIUM DIAMOND MICROFINISHING FILM

Norton Finium Diamond Q651 microfinishing film is a precisely graded film featuring premium synthetic diamond grain. The sharp diamond abrasive grain offers long-lasting performance while providing the finest finish. Finium Diamond film allows target finishes to be achieved in fewer passes for greater productivity. Available in discs and rolls, Finium Diamond film can be used wet or dry providing an excellent finish on a variety of surfaces such as soft composite coatings or even hard thermal sprays. Utilizing a proprietary resin system to reinforce the grain allows for excellent grain adhesion and helps to ensure flatness of the discs for prolonged life and ease of use in robotic sanding applications.

#### KEY INDUSTRIES

AEROSPACE | PAPER

#### KEY APPLICATIONS

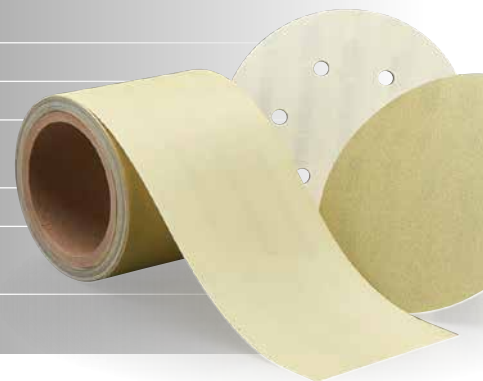
AIRCRAFT FUSELAGE | ROLL GRINDING

[www.nortonabrasives.com](http://www.nortonabrasives.com)



## FEATURES & BENEFITS

- Precision diamond grain increases productivity while sanding composites for aerospace fuselage components
- Sharp cutting diamond increases product life by not dulling or loading during sanding
- Proprietary resin creates a dimensionally stable and lay-flat disc – critical for ease of use robotic sanding applications
- Flexible and durable 5 mil polyester film backing holds up to aggressive grinding and high tension applications
- Versatile – can be used from soft composite coatings to ultra-hard thermal sprays – improving productivity on both material types



## PRODUCT SPECIFICATIONS AND AVAILABILITY

- 5 mil polyester film backing
- Color coded backprint for easy grit identification
- Available in discs and rolls

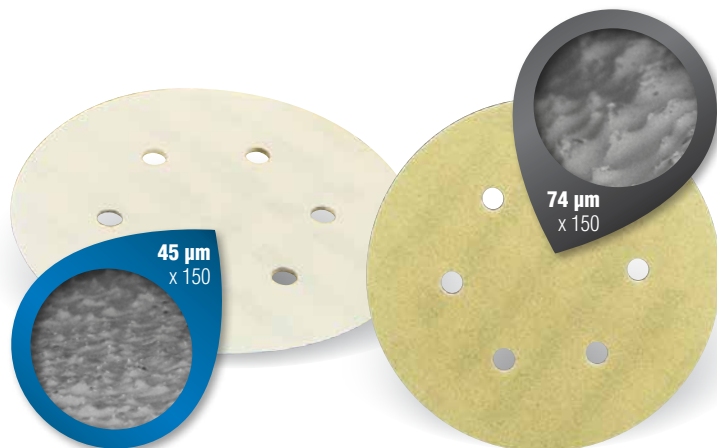
### Diamond Grit Availability

BACK PRINT COLOR CODING	GRIT
BLUE	20 µm
GREEN	45 µm
RED	74 µm
BLACK	125 µm

### Size Availability

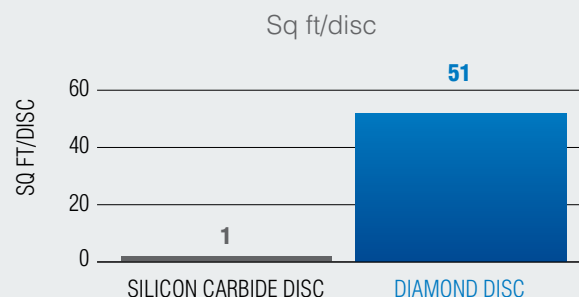
SHAPE	SIZE
Rolls	Up to 19" width
Discs	5", 6" plain or NorGrip backing

All Finium Diamond film products are made-to-order to meet your precise requirements.



## Case Study

Comparison of area sanded with a traditional Silicon Carbide disc vs. Diamond disc



The diamond grain is deposited on the backing through electrostatic coating, which orientates the sharpest point toward the cutting surface to maximize a consistent cut. This design uniformity means a super-smooth, flexible, and durable film that provides maximum productivity.

### USA CUSTOMER SERVICE:

Toll Free Phone: 1 (800) 551-4413  
Toll Free Fax: 1 (800) 551-4416

### CANADA CUSTOMER SERVICE:

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