



# Sanding & Finishing Solutions

**NEW!**  
**Abrasive Discs**  
*see inside*

# The 3M Value

## The RIGHT Abrasives

Versatile, convenient and efficient, 3M manufactures a complete line of coated abrasives to handle your entire range of sanding and finishing needs.

## NEW Products

3M continues to listen to the needs of our customers by adding new abrasive products to the line. We now sell our 3M™ NX disc, a durable C-weight disc designed specifically for the woodworking industry, at the price point you have been asking for.



Look for this icon inside!

We also continue to improve our product offering by upgrading products to bring improved performance at competitive prices. Try our upgraded 735U discs and see for yourself!

3M continues to build upon its unique dust management technology, the 3M™ Clean Sanding system, by adding more abrasive products and enhancing our 3M™ Power Tools and Accessories, such as the larger HEPA rated filter bag.

Improved  
VALUE

Revolutionary  
SYSTEM

## More OPTIONS

From pressure-sensitive adhesive coating on the back to traditional hook and loop style abrasives, 3M offers a variety of attachment systems to meet the needs of the industrial consumer.

## Availability

Abrasive Systems continues to deliver standard stock items to meet your immediate service needs. However, don't forget that we can also meet your unique needs through our KUT (custom) abrasive offering.

## BRAND

For over 100 years, 3M has been a proven leader, providing advanced technology and innovative solutions for the Industrial Market. These solutions deliver increased productivity, enhanced efficiency and improve manufacturing processes.

# Select the Right Abrasive Disc for Your Application

## Metal Fabrication

	3M ID	Anti-Loading or Grinding Aid	Backing	Application		Material Type			Attachment System		
				Blending	Finishing	Stainless Steel	Aluminum	Carbon Steel	Stikit/PSA	Hookit	Clean Sanding
Good	NX	✓	C-Paper	•	•	•	•	•	•	•	
	202DZ		J-Cloth		•		•	•	•		
	210U		A-Paper		•			•	•	•	KUT
	216U	✓	A-Paper		•		•	•	•	•	•
	415U/415N	✓	A-Paper		•		•	•	•	•	KUT
Better	236U	✓	C-Paper	•	•		•	•	•	•	•
	255L	✓	Film		•		•	•	•	•	•
	337DC	✓	X-Cloth	•			•	•	•	•	•
	341D/348D		X-Cloth	•	•	•		•	•	•	•
	359F		Y-Cloth	•				•	•	•	•
	360L		Film		•		•	•	•	•	•
	363I		F-Paper	•	•			•	•	•	•
	577F	✓	X/Y-Cloth	•		•		•	•	•	•
Best	735U	✓	C-Paper	•	•		•	•	•	•	•
	763U		F-Paper	•				•	•	•	KUT
	751I		E-Paper	•				•	•	•	KUT
	777F	✓	Y-Cloth	•		•		•	•	•	•
	900DZ		J-Cloth	•			•		•	•	•

## Woodworking Applications

	3M ID	Anti-Loading or Grinding Aid	Backing	Application			Wood Type		Attachment System		
				Stock Removal	Medium Stock Removal	Finishing	Hardwoods	Softwoods	Stikit/PSA	Hookit	Clean Sanding
Good	NX	✓	C-Paper	•		•	•	•	•	•	
	202DZ		J-Cloth	•		•	•	•	•	•	
	214U	✓	A-Paper		•	•	•	•	•	•	
	415U/415N	✓	A-Paper		•	•	•	•	•	•	KUT
Better	236U	✓	C-Paper	•	•	•	•	•	•	•	•
	255L	✓	Film	•	•	•	•	•	•	•	•
	261L		Film		•	•	•	•	•	•	•
	265L	✓	Film		•	•	•	•	•	•	•
	268L		Film		•	•	•	•	•	•	KUT
	468L		Film		•	•	•	•	•	•	KUT
Best	366L	✓	Film		•	•	•	•	•	•	KUT
	735U	✓	C-Paper	•	•	•	•	•	•	•	•
	900DZ		J-Cloth	•	•	•	•	•	•	•	•

## Composite Applications

	3M ID	Anti-Loading or Grinding Aid	Backing	Application			Material Type		Attachment System		
				Stock Removal	Medium Stock Removal	Finishing	Gelcoat	Composite Matrix (fiberglass, carbon fiber)	Stikit/PSA	Hookit	Clean Sanding
Good	NX	✓	C-Paper	•	•	•	•	•	•	•	
	214U	✓	A-Paper		•	•	•	•	•	•	
	216U	✓	A-Paper	•	•	•	•	•	•	•	•
Better	236U	✓	C-Paper	•	•	•	•	•	•	•	•
	360L		Film		•	•	•	•	•	•	•
	366L	✓	Film		•	•	•	•	•	•	KUT
Best	675L		Film		•	•	•	•	•	•	•
	735U	✓	C-Paper	•	•	•	•	•	•	•	•
	751I		E-Paper	•		•	•	•	•	•	KUT
	763U		F-Paper	•		•	•	•	•	•	KUT
900DZ		J-Cloth	•		•	•	•	•	•	•	

## Prep for Paint Applications

	3M ID	Anti-Loading or Grinding Aid	Backing	Application		Material Type			Attachment System		
				Stock Removal	Finishing	Metal (cold roll steel)	Plastic Parts	Primer	Stikit/PSA	Hookit	Clean Sanding
Good	NX	✓	C-Paper	•	•	•	•	•	•	•	
	202DZ		J-Cloth	•	•	•			•	•	
	210U		A-Paper		•			•	•	•	KUT
	214U	✓	A-Paper		•		•	•	•	•	•
	216U	✓	A-Paper	•	•		•	•	•	•	•
Better	236U	✓	C-Paper	•	•		•	•	•	•	•
	255L	✓	Film		•		•	•	•	•	•
	268L		Film		•		•	•	•	•	KUT
	360L		Film		•		•	•	•	•	•
	363I		F-Paper	•	•	•		•	•	•	•
	366L	✓	Film	•	•		•	•	•	•	KUT
Best	735U	✓	C-Paper	•	•	•	•	•	•	•	•
	751I		E-Paper	•		•	•	•	•	•	KUT
	763U		F-Paper	•		•	•	•	•	•	KUT
	900DZ		J-Cloth	•	•	•	•	•	•	•	•

## Other

3M ID	Anti-Loading or Grinding Aid	Backing	Application	Attachment System		
			Solid Surface	Stikit/PSA	Hookit	Clean Sanding
268XA		Film	•	•	•	
366L	✓	Film	•	•	•	KUT
568XA		Film	•	•	•	

Discs constructed on a paper backing are available in a variety of weights offering a wide range of value and performance in flexibility, durability and finish. A great choice whether you're doing general purpose sanding or high performance wood finishing.

# PAPER

## 3M™ Random Orbital Discs — PAPER BACKING

General Use

### NX Disc

- Aluminum oxide mineral on a C-weight backing (P100–P400) and on a D-weight backing (40, P60 and P80); features a load-resistant coating
- Excellent for sanding on whitewood, primer, paint sealers and topcoats

**NEW!**



### 210U

- Aluminum oxide mineral on an A-weight backing
- May be used for light sanding on metal; works well on primer, paint, fiberglass, wood and plastics

### 214U

- Aluminum oxide mineral on an A-weight backing; features a load-resistant coating
- Used in general industrial applications where load-resistant characteristics are needed



### 216U

- Aluminum oxide mineral on an A-weight backing; features a load-resistant coating
- Used for sanding on e-coat, primer, paint, sealers, topcoats, fiberglass, plastics and other light-colored substrates such as whitewood
- Provides good cut and life

Better

### 236U

- Aluminum oxide mineral on a C-weight backing; features a load-resistant coating
- Excellent for sanding on whitewood, primer, paint, sealers, topcoats, fiberglass and plastics
- Works well where a heavier, more durable paper backing is required



### 363I

- Premium aluminum oxide mineral on an F-weight backing; features a load-resistant coating
- Durable product designed for use on metal or heavy stock removal of wood and composites

### 401Q and 431Q

- Silicon carbide mineral on an A- or C-weight backing
- Can be run wet or dry on paint, primer, gel coat, metal and wood



### 415U/415N

- Silicon carbide mineral on an A-weight backing; features a load-resistant coating
- Excellent for white wood sanding, sealer sanding, solid surface or where fine finish is critical
- Best finishing product

Best

### 735U

- Blend of aluminum oxide and ceramic grain mineral on a C-weight backing; features a load-resistant coating
- Premium product with excellent cut rate and life for white wood sanding; also great for D/A sanding on metal substrates

**UPGRADED!**



### 751I

- Blend of premium aluminum oxide and ceramic grain mineral on an E-weight backing
- Durable product for medium to heavy-duty applications; specifically designed for superior resistance to edge-shelling

### 763U

- Blend of premium aluminum oxide and ceramic grain mineral on an F-weight backing
- Great for heavy duty sanding such as paint stripping or D/A applications on metal



Available in a variety of weights, cloth-backed discs are known for their durability and flexibility. A good first choice when working with metal or heavy wood stock removal.

# CLOTH

## 3M™ Random Orbital Discs — CLOTH BACKING

### General Use

#### 202DZ

- Aluminum oxide mineral on a J-weight backing; features an antistatic coating
- Designed for durability when flexibility and edge wear is critical; Excellent for sanding wood and metal



### Better

#### 341D

- Premium aluminum oxide mineral on an X-weight backing
- Designed for rough operations where a heavy cloth backing is needed, such as heavy stock removal on wood, metal, composites and solid surface materials



#### 348D

- Premium aluminum oxide mineral on an X-weight backing; features an active grinding aid
- Excellent for grinding and D/A sanding on metal



### Best

#### 337DC

- Features Trizact™ microreplicated technology
- Designed for use in AOEM body shop applications for blending and finishing scratch marks in white metal repair created by previous grinding or repair steps
- Provides a very fast scratch removal capability combined with a superior finish, leaving the surface ready for e-coat applications
- Outstanding long life



#### 777F

- Blend of premium aluminum oxide and ceramic mineral on a YF-weight backing
- Cloth backing for durability
- Grinding aid for cooler running
- Excellent for use on stainless steel, aluminum and fiberglass



#### 359F

- Premium aluminum oxide mineral on a YF-weight backing
- Resin bonded for heat resistance
- Can be run wet or dry
- Ideal for metalworking applications



#### 900DZ

- Premium ceramic abrasive grain on a J-weight backing
- Combines flexibility, durability and fast cut rates for improving productivity when sanding flats or contours of wood, composites, solid surface and metal



Film-backed discs can't be beat for their tear resistance and consistency of finish. This makes them an excellent option when working on paint, e-coats, primers, gel coats, glass, acrylics, wood and solid surface material. Basically anywhere you need the perfect finish every time, film is the best choice.

# FILM

## 3M™ Random Orbital Discs — FILM BACKING

Better

### 255L

- Aluminum oxide mineral; features a load-resistant coating
- Construction provides long life, faster cut and leaves a consistent finish. Excellent for sanding wood, sealers, fiberglass and plastics



### 265L

- Aluminum oxide mineral; features a load-resistant coating
- Primary sanding applications are for metalworking and woodworking



### 360L

- Premium aluminum oxide mineral
- Provides consistent finishing capability; works well on wood, plastics, gel coats and solid surface



### 261L

- Aluminum oxide mineral
- Primary sanding applications are for metalworking and woodworking



## 3M™ Random Orbital Microfinishing Discs — FILM BACKING

General Use

### 268L

- Aluminum oxide mineral on a 3 mil film backing
- Ideal for sanding plastics, paint, e-coat and wood



### 3M™ Trizact™ 268XA

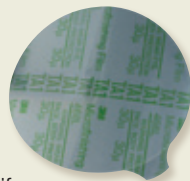
- Features 3M microreplicated technology
- Outstanding for polishing and repairing solid surface, acrylics and glass



Better

### 468L

- Silicon carbide mineral on a 3 mil film backing
- Ideal for sanding plastics, wood, paint, e-coat and composites; Provides superior finishing and cut rate capability with long life



### 3M™ Trizact™ 568XA

- Features 3M microreplicated technology
- Excellent for polishing solid surface, acrylics, glass and removing overspray or dirt on topcoats



Best

### 366L

- Features a premium aluminum oxide on a 3 mil film backing
- Ideal for sanding plastics, wood, paint, solid surface, composite, primer, e-coat, metal or where loading is an issue
- Provides superior finishing and cut rate capability with long life



### 3M™ Trizact™ 466LA

- Features 3M microreplicated technology
- These discs are used in 3M's two-step, paint defect repair process for automotive finishes



### 675L

- Diamond mineral
- Designed to improve productivity and reduce the cost of superfinishing hard materials such as thermal spray coatings, ceramics, carbides, chilled iron, granite, composites and more





For more information visit our website  
[www.3M.com/abrasives](http://www.3M.com/abrasives)

## Important Notice to Purchaser

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**Abrasive Systems Division**  
3M Center  
Building 223-6N-01  
St. Paul, MN 55144-1000  
[www.3M.com/abrasives](http://www.3M.com/abrasives)

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