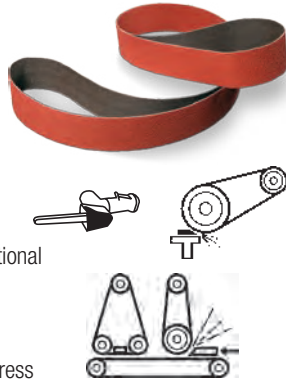


## 3M™ Cubitron™ II Belts

### 3M™ Cubitron™ II Metalworking Belt 984F

- Made with revolutionary 3M precision shaped abrasive grain technology
- YF wt. backing
- Average up to 30% faster cutting on hard-to-grind metals than the next-best competitive belt
- Lasts up to 4 times as long as conventional ceramic aluminum oxide belts
- Cuts cooler — diverts heat from the work piece and belt to the swarf
- Helps eliminate burnishing and heat stress



| UPC  | W x L          | Grade | Min./Case |
|--|----------------|-------|-----------|
| <b>Portable, Backstand, Benchtop, Flat Finishing</b> |                |       |           |
| 051141-55032-9                                       | 1/4" x 24"     | 60+   | 50/200    |
| 051141-27511-6                                       | 1/2" x 18"     | 36+   | 50/200    |
| 051141-55041-1                                       | 1/2" x 18"     | 60+   | 50/200    |
| 051141-55048-0                                       | 1/2" x 18"     | 80+   | 50/200    |
| 051141-27512-3                                       | 1/2" x 24"     | 36+   | 50/200    |
| 051141-55031-2                                       | 1/2" x 24"     | 60+   | 50/200    |
| 051141-55054-1                                       | 1/2" x 24"     | 80+   | 50/200    |
| 051141-55040-4†                                      | 1/2" x 42"     | 60+   | 200       |
| 051141-55064-0                                       | 3/4" x 18"     | 36+   | 50/200    |
| 051141-55030-5                                       | 3/4" x 18"     | 60+   | 50/200    |
| 051141-55047-3                                       | 3/4" x 18"     | 80+   | 50/200    |
| 051141-55065-7                                       | 3/4" x 20-1/2" | 36+   | 50/200    |
| 051141-55055-8                                       | 3/4" x 20-1/2" | 80+   | 50/200    |
| 051141-55046-6                                       | 1" x 11"       | 60+   | 50/500    |
| 051141-55050-3†                                      | 1" x 11"       | 80+   | 50/500    |
| 051141-55060-2†                                      | 1" x 42"       | 80+   | 25/200    |
| 051141-27514-7                                       | 1" x 132"      | 36+   | 100       |
| 051141-55039-8                                       | 1" x 132"      | 60+   | 25/200    |
| 051141-55052-7                                       | 1" x 132"      | 80+   | 25/200    |
| 051141-55066-4†                                      | 1-1/2" x 132"  | 36+   | 25/50     |

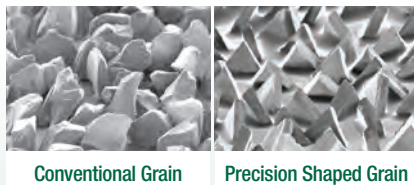
† Made-to-Order

### 3M™ Cubitron™ II Metalworking Belt 984F (cont.)

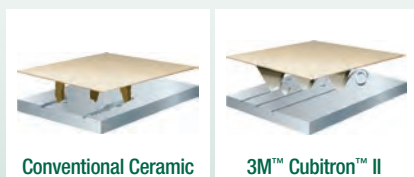
| UPC             | W x L            | Grade | Qty./Case |
|-----------------|------------------|-------|-----------|
| 051141-55068-8  | 2" x 60"         | 36+   | 10/50     |
| 051141-55036-7† | 2" x 60"         | 60+   | 25/50     |
| 051141-27516-1  | 2" x 72"         | 36+   | 50        |
| 051141-55034-3  | 2" x 72"         | 60+   | 25/50     |
| 051141-55057-2  | 2" x 72"         | 80+   | 25/50     |
| 051141-55067-1  | 2" x 118"        | 36+   | 10/50     |
| 051141-27460-7  | 2" x 132"        | 36+   | 50        |
| 051141-55044-2  | 2" x 132"        | 60+   | 25/50     |
| 051141-55056-5  | 2" x 132"        | 80+   | 25/50     |
| 051141-55069-5  | 2-1/2" x 60"     | 36+   | 10/50     |
| 051141-27853-7† | 2-1/2" x 60"     | 60+   | 25/50     |
| 051141-55058-9† | 2-1/2" x 60"     | 80+   | 25/50     |
| 051141-27461-4  | 3" x 132"        | 36+   | 25        |
| 051141-55043-5  | 3" x 132"        | 60+   | 25        |
| 051141-55051-0  | 3" x 132"        | 80+   | 25        |
| 051141-55042-8  | 3-1/2" x 15-1/2" | 60+   | 50        |
| 051141-55049-7  | 3-1/2" x 15-1/2" | 80+   | 50        |
| 051141-27462-1  | 4" x 132"        | 36+   | 25        |
| 051141-55070-1  | 5" x 132"        | 36+   | 25        |
| 051141-55071-8  | 6" x 48"         | 36+   | 10/20     |
| 051141-55037-4  | 6" x 48"         | 60+   | 20        |
| 051141-55059-6† | 6" x 48"         | 80+   | 20        |
| 051141-55035-0  | 6" x 60"         | 60+   | 20        |
| 051141-27515-4  | 6" x 132"        | 36+   | 10/20     |
| 051141-55072-5  | 8" x 107"        | 36+   | 5/10      |
| 051141-27513-0  | 8" x 132"        | 36+   | 10        |
| 051141-55063-3† | 37" x 60"        | 80+   | 2         |
| 051141-55062-6† | 37" x 75"        | 80+   | 2         |

† Made-to-Order

## 3M Precision Shaped Grain

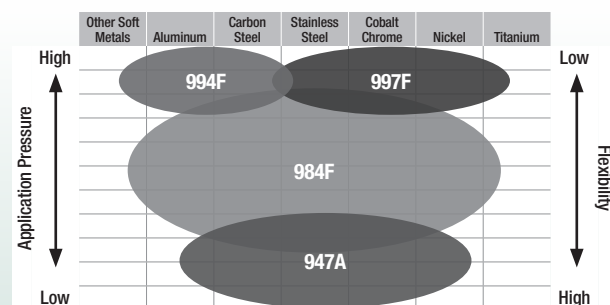


Triangular-shaped grain (right) is electrostatically oriented to form sharp peaks, each acting like individual cutting tools that wear evenly for super long life and consistency.



3M precision shaped grain sharpens as it wears. Compared to conventional ceramic abrasive grain, 3M™ Cubitron™ II abrasive grain belts **cut faster** and **last longer!**

### Our new lineup of 3M™ Cubitron™ II Abrasive Belts



**CUBITRON™ II**

## 3M™ Trizact™ Abrasive Belts

### 3M™ Trizact™ Abrasive Belts

The unique microreplicated construction used in 3M™ Trizact™ Abrasives can deliver consistent, predictable finishes, higher, more even rates of cut, cooler grinding and finishing temperatures, and reduced processing steps. 3M invented microreplication technology, which is the science of creating small, precisely shaped three-dimensional structures and then reproducing them on a variety of surfaces.

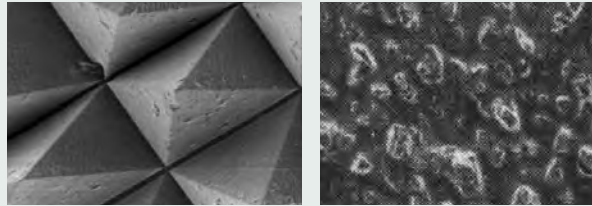
#### Trizact Abrasive Grading System

The unique construction of Trizact abrasives requires a different grading system. Grade is defined by the average particle size in microns and begins with an "A".

| Trizact Abrasive Grade | FEPA (P-Grade) |
|------------------------|----------------|
| A5                     | P3000          |
| A6                     | —              |
| A10                    | P1500          |
| A16                    | P1200          |
| A20                    | P1000          |
| A30                    | P600           |
| A35                    | —              |
| A45                    | P400           |
| —                      | P320           |
| A60                    | —              |
| A65                    | —              |
| A75                    | P240           |
| A80                    | —              |
| A90                    | P220           |
| A100                   | P180           |
| A110                   | P180           |
| A130                   | P150           |
| A160                   | P120           |

#### The Difference is in the Construction

Trizact abrasives allow you to say "goodbye" to erratic, inconsistent finishes generated by conventional coated abrasives. Here's why:



Three-dimensional structures uniformly distributed over the entire surface of 3M™ Trizact™ Abrasives (left) ensure consistent performance and eliminate belt-to-belt variation. Conventional abrasives (right), which feature randomly arranged minerals, wear and finish unevenly.



Conventional abrasives start out sharp, but they dull quickly.



3M™ Trizact™ Abrasives have three-dimensional structures containing multiple layers of abrasive mineral. As these pyramid-like structures wear, fresh, sharp mineral is exposed.

## 3M™ Belts

### 241E

- Aluminum oxide on an XE wt. cloth backing
- High strength backing for tougher applications
- Use with 3M™ File Belt Sander

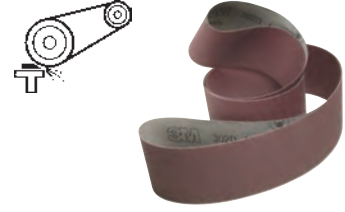


| UPC             | W x L      | Grade | Min./Case |
|-----------------|------------|-------|-----------|
| 051144-26733-0  | 1/4" x 24" | 60    | 50/200    |
| 051144-26732-3  | 1/4" x 24" | 80    | 50/200    |
| 051144-26731-6  | 1/4" x 24" | 120   | 50/200    |
| 051144-31170-5  | 1/2" x 12" | 60    | 50/200    |
| 051144-26894-8† | 1/2" x 12" | 80    | 50/200    |
| 051144-26892-4† | 1/2" x 12" | 120   | 50/200    |
| 051144-72227-3† | 1/2" x 18" | 60    | 50/200    |
| 051144-72228-0  | 1/2" x 18" | 80    | 50/200    |
| 051144-72229-7† | 1/2" x 18" | 120   | 50/200    |
| 051144-26725-5† | 1/2" x 24" | 50    | 50/200    |
| 051144-26723-1  | 1/2" x 24" | 60    | 50/200    |
| 051144-26720-0  | 1/2" x 24" | 80    | 50/200    |
| 051144-26719-4  | 1/2" x 24" | 100   | 50/200    |
| 051144-26717-0† | 1/2" x 24" | 120   | 50/200    |
| 051144-26715-6  | 1/2" x 24" | 180   | 50/200    |
| 051144-26714-9  | 1/2" x 24" | 220   | 50/200    |
| 051144-14756-4  | 3/4" x 18" | 60    | 50/200    |
| 051144-14519-5  | 3/4" x 18" | 80    | 50/200    |
| 051144-14667-3  | 3/4" x 18" | 120   | 50/200    |

† Made-to-Order

### 302D

- Aluminum oxide mineral
- Flexible belt for blending and finishing contoured and complex parts
- Works great on most metals
- For use on backstand grinders
- Grades 60, 80, P100–P600

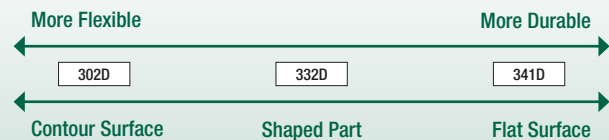


| UPC            | W x L     | Grade | Min./Case |
|----------------|-----------|-------|-----------|
| 051141-30867-8 | 2" x 118" | P120  | 25/50     |
| 051141-30870-8 | 2" x 118" | P150  | 25/50     |
| 051141-30873-9 | 2" x 118" | P180  | 25/50     |
| 051141-30876-0 | 2" x 118" | P220  | 25/50     |
| 051141-30885-2 | 2" x 118" | P320  | 25/50     |
| 051141-30888-3 | 2" x 118" | P400  | 25/50     |
| 051141-30710-7 | 2" x 132" | 80    | 25/50     |
| 051141-30713-8 | 2" x 132" | P100  | 25/50     |
| 051141-30716-9 | 2" x 132" | P120  | 25/50     |
| 051141-30719-0 | 2" x 132" | P150  | 25/50     |
| 051141-30722-0 | 2" x 132" | P180  | 25/50     |
| 051141-30725-1 | 2" x 132" | P220  | 25/50     |
| 051141-30728-2 | 2" x 132" | P240  | 25/50     |
| 051141-30734-3 | 2" x 132" | P320  | 25/50     |
| 051141-30737-4 | 2" x 132" | P400  | 25/50     |
| 051141-30743-5 | 2" x 132" | P600  | 25/50     |
| 051141-30862-3 | 3" x 118" | 80    | 25/50     |
| 051141-30865-4 | 3" x 118" | P100  | 25/50     |
| 051141-30874-6 | 3" x 118" | P180  | 25/50     |
| 051141-30877-7 | 3" x 118" | P220  | 25/50     |
| 051141-30886-9 | 3" x 118" | P320  | 25/50     |
| 051141-30780-0 | 3" x 132" | 60    | 25/50     |
| 051141-30711-4 | 3" x 132" | 80    | 25/50     |
| 051141-30714-5 | 3" x 132" | P100  | 25/50     |
| 051141-30717-6 | 3" x 132" | P120  | 25/50     |
| 051141-30720-6 | 3" x 132" | P150  | 25/50     |
| 051141-30723-7 | 3" x 132" | P180  | 25/50     |
| 051141-30726-8 | 3" x 132" | P220  | 25/50     |
| 051141-30729-9 | 3" x 132" | P240  | 25/50     |
| 051141-30732-9 | 3" x 132" | P280  | 25/50     |
| 051141-30735-0 | 3" x 132" | P320  | 25/50     |
| 051141-30738-1 | 3" x 132" | P400  | 25/50     |
| 051141-30741-1 | 3" x 132" | P500  | 25/50     |

### Tech Tip

#### Select the Right Belt for Your Job

Choose from 302D, 332D and 341D depending upon backing flexibility needed for application as illustrated below:



## 3M™ Belts

### 361F

- Aluminum oxide on an XF wt. backing
- Durable belt with a tough polyester backing that can be used wet or dry
- Ideal use in the grinding of sheets and coils, centerless, flat finishing and hand tool applications



| UPC             | W x L     | Grade | Min./Case |
|-----------------|-----------|-------|-----------|
| 051111-67159-7† | 4" x 90"  | P180  | 50        |
| 051111-67179-5† | 4" x 90"  | P320  | 50        |
| 051111-68840-3† | 8" x 135" | P150  | 20        |
| 051111-68841-0† | 8" x 135" | P180  | 20        |
| 051119-84596-9† | 6" x 90"  | 60    | 20        |
| 051115-27707-8† | 6" x 90"  | P220  | 20        |
| 051125-09948-6† | 8" x 135" | P320  | 20        |
| 051144-14773-1  | 37" x 60" | 80    | 2         |
| 051144-14905-6  | 37" x 60" | P100  | 5         |
| 051144-11519-8  | 37" x 60" | P120  | 5         |
| 051144-76939-1  | 37" x 60" | P150  | 5         |
| 051144-11515-0  | 37" x 60" | P180  | 5         |
| 051144-76923-0  | 37" x 60" | P220  | 5         |
| 051144-81215-8  | 37" x 75" | P100  | 5         |
| 051144-76942-1† | 37" x 75" | P120  | 5         |
| 051144-80037-7  | 37" x 75" | P150  | 5         |
| 051111-51215-9  | 37" x 75" | P180  | 5         |

† Made-to-Order

### 461F

- Silicon carbide mineral
- Durable cloth-backed belts
- For heavy duty grinding to fine finishing
- Resistant to tearing and will not easily nick
- For use on backstand, benchtop, slack of belt, flat finishing, centerless and wet roll grinding equipment

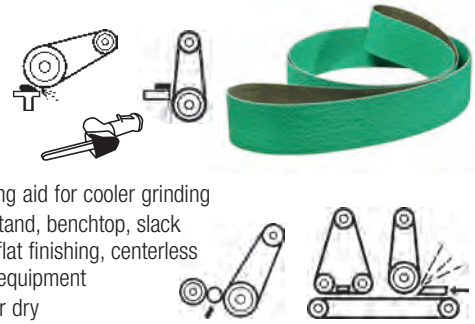


| UPC             | W x L     | Grade | Min./Case |
|-----------------|-----------|-------|-----------|
| 051111-67404-8† | 4" x 118" | P220  | 50        |
| 051111-67405-5† | 4" x 132" | P220  | 50        |
| 051111-67408-6† | 4" x 132" | P320  | 50        |
| 051125-23665-2† | 4" x 64"  | P400  | 50        |
| 051125-67387-4  | 4" x 106" | P100  | 5/5       |
| 051144-04337-8  | 4" x 106" | P80   | 5/5       |
| 051144-04335-4† | 4" x 106" | P120  | 50        |

† Made-to-Order

### 577F

- Alumina zirconia on a YF wt. cloth backing
- Resin bonded for heat resistance
- Features a grinding aid for cooler grinding
- For use on backstand, benchtop, slack of belt, portable, flat finishing, centerless and roll grinding equipment
- Can be run wet or dry



| UPC            | W x L          | Grade | Min./Case |
|----------------|----------------|-------|-----------|
| 051141-30690-2 | 1/4" x 18"     | 60    | 50/200    |
| 051141-30691-9 | 1/4" x 18"     | 80    | 50/200    |
| 051141-30708-4 | 1/4" x 18"     | 120   | 50/200    |
| 051141-30694-0 | 1/4" x 24"     | 60    | 50/200    |
| 051119-05580-1 | 1/4" x 24"     | 80    | 50/200    |
| 051141-30695-7 | 1/4" x 24"     | 120   | 50/200    |
| 051111-68668-3 | 1/2" x 12"     | 60    | 50/200    |
| 051111-68695-9 | 1/2" x 12"     | 80    | 50/200    |
| 051141-30709-1 | 1/2" x 12"     | 120   | 50/200    |
| 051141-30686-5 | 1/2" x 18"     | 36    | 50/200    |
| 051119-63081-7 | 1/2" x 18"     | 60    | 50/200    |
| 051119-82035-5 | 1/2" x 18"     | 80    | 50/200    |
| 051141-30689-6 | 1/2" x 18"     | 120   | 50/200    |
| 051141-30693-3 | 1/2" x 24"     | 36    | 50/200    |
| 051111-68669-0 | 1/2" x 24"     | 60    | 50/200    |
| 051111-68696-6 | 1/2" x 24"     | 80    | 50/200    |
| 051111-69436-7 | 1/2" x 24"     | 120   | 50/200    |
| 051141-30687-2 | 3/4" x 18"     | 36    | 50/200    |
| 051115-19553-2 | 3/4" x 18"     | 60    | 50/200    |
| 051125-19076-3 | 3/4" x 18"     | 80    | 50/200    |
| 051141-30688-9 | 3/4" x 18"     | 120   | 50/200    |
| 051125-16745-1 | 3/4" x 20-1/2" | 60    | 50/200    |
| 051111-68697-3 | 3/4" x 20-1/2" | 80    | 50/200    |
| 051125-22333-1 | 3/4" x 20-1/2" | 120   | 50/200    |
| 051119-71425-8 | 1" x 18"       | 60    | 50/200    |
| 051125-23878-6 | 1" x 18"       | 80    | 50/200    |
| 051141-30692-6 | 1" x 18"       | 120   | 50/200    |
| 051115-19554-9 | 2" x 48"       | 60    | 25/50     |
| 051119-05579-5 | 2" x 48"       | 80    | 25/50     |
| 051125-11238-3 | 2" x 48"       | 120   | 25/50     |
| 051141-30699-5 | 2" x 60"       | 36    | 25/50     |
| 051111-69103-8 | 2" x 60"       | 60    | 25/50     |
| 051141-30703-9 | 2" x 60"       | 80    | 25/50     |
| 051141-30704-6 | 2" x 60"       | 120   | 25/50     |
| 051141-30698-8 | 2" x 72"       | 36    | 25/50     |
| 051111-69104-5 | 2" x 72"       | 60    | 25/50     |
| 051141-30701-5 | 2" x 72"       | 80    | 25/50     |
| 051141-30697-1 | 2" x 72"       | 120   | 25/50     |

## 3M™ Belts

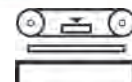
## 577F (cont.)

| UPC             | W x L            | Grade | Qty./Case |
|-----------------|------------------|-------|-----------|
| 051111-67602-8  | 2" x 132"        | 36    | 25/50     |
| 051141-30702-2  | 2" x 132"        | 50    | 25/50     |
| 051111-69105-2  | 2" x 132"        | 60    | 25/50     |
| 051111-69108-3  | 2" x 132"        | 80    | 25/50     |
| 051141-30696-4  | 2" x 132"        | 120   | 25/50     |
| 051119-64999-4  | 2-1/2" x 60"     | 36    | 25/50     |
| 051111-69106-9  | 2-1/2" x 60"     | 60    | 25/50     |
| 051125-12707-3  | 2-1/2" x 60"     | 80    | 25/50     |
| 051141-30706-0  | 2-1/2" x 60"     | 120   | 25/50     |
| 051111-69099-4  | 3" x 132"        | 36    | 25/50     |
| 051119-82066-9  | 3" x 132"        | 50    | 25/50     |
| 051111-69569-2  | 3" x 132"        | 60    | 25/50     |
| 051111-69571-5  | 3" x 132"        | 80    | 25/50     |
| 051111-67681-3  | 3" x 132"        | 120   | 25/50     |
| 051119-67701-0† | 3-1/2" x 15-1/2" | 60    | 50        |
| 051119-58968-9† | 3-1/2" x 15-1/2" | 80    | 50        |
| 051119-67700-3† | 3-1/2" x 15-1/2" | 120   | 50        |
| 051111-67604-2  | 4" x 132"        | 36    | 25        |
| 051115-27562-3  | 4" x 132"        | 50    | 25        |
| 051111-69570-8  | 4" x 132"        | 60    | 25        |
| 051111-69573-9  | 4" x 132"        | 80    | 25        |
| 051125-23987-5  | 4" x 132"        | 120   | 25        |
| 051111-69445-9  | 6" x 48"         | 60    | 20        |
| 051119-83855-8  | 6" x 48"         | 80    | 20        |
| 051141-30707-7  | 6" x 48"         | 120   | 20        |
| 051111-69440-4  | 37" x 60"        | 36    | 2         |
| 051111-68691-1  | 37" x 60"        | 60    | 2         |
| 051111-69111-3  | 37" x 60"        | 80    | 2         |
| 051111-69115-1  | 37" x 60"        | 120   | 5         |
| 051125-22740-7  | 37" x 60"        | 180   | 5         |
| 051119-61101-4  | 37" x 75"        | 36    | 2         |
| 051111-68692-8  | 37" x 75"        | 60    | 2         |
| 051111-69112-0  | 37" x 75"        | 80    | 2         |
| 051111-67688-2  | 37" x 75"        | 120   | 5         |
| 051125-09283-8  | 37" x 75"        | 180   | 5         |

† Made-to-Order

## 747D

- 3M ceramic aluminum oxide blend abrasive grain on an X wt. cloth backing
- Use for offhand heat sensitive stainless steel applications
- Grinding aid enhances performance on stainless steel and other exotic alloys
- Well suited for stroke sanding applications

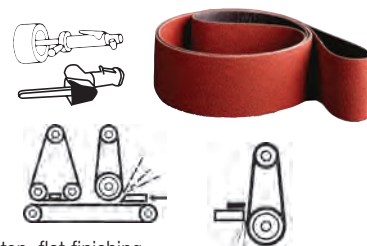


| UPC             | W x L       | Grade | Qty./Case |
|-----------------|-------------|-------|-----------|
| 051111-67749-0† | 3" x 9-1/2" | 50    | 200       |
| 051111-67759-9† | 3" x 9-1/2" | 60    | 200       |
| 051111-67789-6† | 3" x 9-1/2" | P100  | 200       |
| 051111-67806-0† | 3" x 9-1/2" | P120  | 200       |
| 051111-67807-7† | 3" x 118"   | P120  | 50        |
| 051115-27355-1† | 3" x 132"   | 60    | 50        |
| 051111-68923-3† | 3" x 132"   | P120  | 50        |
| 051111-67751-3† | 6" x 264"   | 50    | 10        |
| 051111-67766-7† | 6" x 264"   | 60    | 10        |
| 051111-67778-0† | 6" x 264"   | 80    | 20        |
| 051125-20535-1† | 6" x 264"   | P100  | 20        |
| 051111-67812-1† | 6" x 264"   | P120  | 20        |
| 051144-85846-0† | 6" x 274"   | 60    | 20        |
| 051111-67779-7† | 6" x 274"   | 80    | 20        |
| 051111-67767-4† | 6" x 300"   | 60    | 10        |
| 051111-67781-0† | 6" x 300"   | 80    | 20        |
| 051111-67813-8† | 6" x 300"   | P120  | 20        |
| 051115-19560-0† | 6" x 355"   | 50    | 10        |
| 051111-67755-1† | 6" x 360"   | 50    | 10        |

† Made-to-Order

## 777F

- 3M ceramic aluminum oxide blend abrasive grain on a YF wt. cloth backing
- Contains grinding aid which enhances performance on stainless steel and other exotic alloys
- For use on backstand, benchtop, flat finishing, slack of belt, centerless and dry roll grinding equipment
- Can be run wet or dry



| UPC            | W x L      | Grade | Qty./Case |
|----------------|------------|-------|-----------|
| 051144-84403-6 | 1/4" x 18" | 60    | 200       |
| 051144-85318-2 | 1/4" x 18" | 80    | 200       |
| 051144-19579-2 | 1/4" x 18" | P120  | 200       |
| 051144-84412-8 | 1/4" x 24" | 40    | 200       |
| 051144-80253-1 | 1/4" x 24" | 60    | 200       |
| 051144-77642-9 | 1/4" x 24" | 80    | 200       |
| 051144-82229-4 | 1/4" x 24" | P120  | 200       |
| 051111-69457-2 | 1/2" x 12" | 60    | 200       |
| 051144-85372-4 | 1/2" x 12" | 80    | 200       |
| 051111-69604-0 | 1/2" x 12" | P120  | 200       |

### 3M™ Belts

#### 963G

- 3M ceramic abrasive grain on a YN wt. cloth backing
- Water-resistant polyester cloth backing for heavy grinding
- For coarse grade power grinding
- Can be run wet or dry

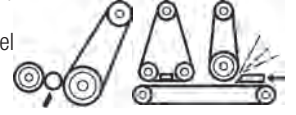


| UPC             | W x L     | Grade     | Qty./Case |
|-----------------|-----------|-----------|-----------|
| 051144-74228-8† | 2" x 132" | 24        | 50        |
| 051111-68163-3  | 2" x 132" | 60        | 50        |
| 051144-74229-5† | 3" x 132" | 24        | 25        |
| 051144-74207-3  | 3" x 132" | 36 L-flex | 25        |
| 051144-74324-7  | 3" x 132" | 60        | 25        |
| 051144-13715-2  | 3" x 132" | 80 L-flex | 25        |
| 051111-68109-1† | 4" x 132" | 24        | 25        |
| 051144-74209-7  | 4" x 132" | 36        | 25        |
| 051144-74330-8  | 4" x 132" | 40        | 25        |
| 051144-74325-4  | 4" x 132" | 60        | 25        |
| 051144-84491-3† | 6" x 132" | 36        | 10        |
| 051111-68168-8† | 6" x 132" | 60        | 20        |

† Made-to-Order

#### 966F

- 3M ceramic abrasive grain on a YF wt. cloth backing
- Water-resistant polyester cloth backing
- Resin bonded for heat resistance
- Designed for wet centerless grinding applications on carbon steel, heat sensitive high nickel alloys, titanium and stainless steel
- Ideal for stripping chrome from old parts



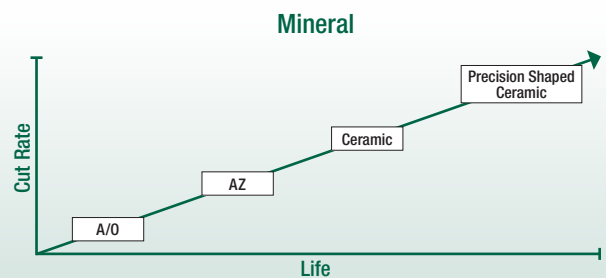
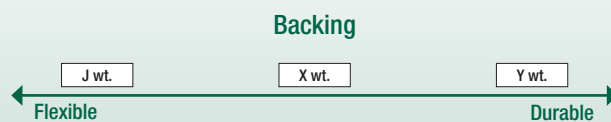
| UPC             | W x L  | Grade     | Qty./Case                |
|-----------------|--|-----------|--------------------------|
| 051119-09003-1† | 3" x 132"  | 36        | 25                       |
| 051119-78104-5  | 4" x 132"  | 36        | 25                       |
| 051119-10654-1† | 4" x 132"  | 80        | 25                       |
| 051119-78105-2† | 4" x 132"  | 80 sine   | 25                       |
| 051115-27128-1  | 4" x 132"  | 60        | 25                       |
| 051111-68321-7† | 9" x 120"  | 36        | 10                       |
| 051115-27315-5  | 9" x 120"  | 50        | 10                       |
| 051125-14381-3  | 9" x 120"  | 60        | 10                       |
| 051111-68326-2† | 9" x 120"  | 80        | 10                       |
| 051115-27404-6† | 9" x 120"  | 80 L-flex | 20                       |
| 051125-12989-3† | 12 x 144"  | 40        | 5                        |
| 051115-27990-4  | 12 x 144"  | 50        | 5                        |
| 051119-83152-8† | 12 x 144"  | 60        | 5                        |
| 051135-13609-6  |  | 24        |                          |
| 051135-13660-7  | Belt sizes made to order. Specify UPC, grade and belt size (W" x L") | 36        | Determined by belt size. |
| 051135-13684-3  |  | 40        |                          |
| 051135-13683-6  |  | 50        |                          |
| 051135-13682-9  |  | 60        |                          |
| 051135-13681-2  |  | 80        |                          |

† Made-to-Order

### Tech Tip

#### Keep Things Cool

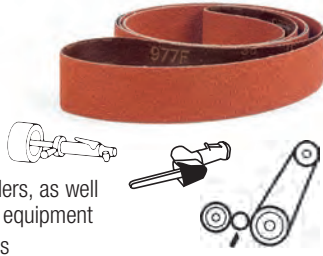
When working on heat sensitive alloys like stainless steel, nickel alloys and cobalt alloys, choose a product with a grinding aid.



## 3M™ Belts

### 977F

- 3M ceramic abrasive grain on a YF wt. cloth backing
- Recommended for both wet or dry grinding of stainless steel and high nickel alloys
- For use on file belt and inline sanders, as well as centerless and dry roll grinding equipment
- Works well in all grinding pressures



| UPC             | W x L            | Grade        | Qty./Case |
|-----------------|------------------|--------------|-----------|
| 051111-68989-9† | 1" x 11"         | 60           | 500       |
| 051111-68602-7† | 1" x 11"         | 80           | 500       |
| 051111-68527-3† | 1" x 42"         | 40           | 200       |
| 051115-27684-2† | 1" x 42"         | 120          | 200       |
| 051111-68530-3† | 1" x 132"        | 40           | 100       |
| 051111-68548-8† | 1" x 132"        | 50           | 100       |
| 051111-68583-9† | 1" x 132"        | 60           | 200       |
| 051115-27336-0† | 1" x 132"        | 80           | 200       |
| 051111-68532-7† | 2" x 48"         | 40           | 50        |
| 051119-09500-5† | 2" x 48"         | 60           | 50        |
| 051144-85389-2  | 2" x 72"         | 36           | 50        |
| 051111-69519-7† | 2" x 72"         | 40           | 50        |
| 051111-68552-5† | 2" x 72"         | 50           | 50        |
| 051144-85383-0  | 2" x 72"         | 60           | 50        |
| 051144-84008-3  | 2" x 72"         | 80           | 50        |
| 051111-69514-2  | 2" x 72"         | 120          | 50        |
| 051111-68534-1† | 2" x 118"        | 40 L-flex    | 50        |
| 051111-68535-8† | 2" x 118"        | 40           | 50        |
| 051144-83522-5  | 2" x 132"        | 36           | 50        |
| 051111-68537-2† | 2" x 132"        | 40           | 50        |
| 051144-85015-0  | 2" x 132"        | 50           | 50        |
| 051144-85384-7  | 2" x 132"        | 60           | 50        |
| 051144-85769-2  | 2" x 132"        | 80           | 50        |
| 051111-68631-7† | 2" x 132"        | 100          | 50        |
| 051111-68640-9† | 2" x 132"        | 120          | 50        |
| 051111-68485-6† | 3" x 132"        | 24           | 25        |
| 051111-68506-8† | 3" x 132"        | 36 L-flex    | 25        |
| 051111-68507-5† | 3" x 132"        | 36           | 25        |
| 051144-82798-5  | 3" x 132"        | 40           | 25        |
| 051111-68557-0† | 3" x 132"        | 50 L-flex    | 25        |
| 051111-69165-6† | 3" x 132"        | 50           | 25        |
| 051111-69166-3† | 3" x 132"        | 60           | 25        |
| 051119-08175-6† | 3" x 132"        | 60 full flex | 25        |
| 051144-85378-6  | 3" x 132"        | 80           | 25        |
| 051119-77855-7† | 3" x 132"        | 100          | 50        |
| 051111-68645-4† | 3" x 132"        | 120          | 50        |
| 051111-69522-7† | 3-1/2" x 15-1/2" | 60           | 50        |
| 051125-18646-9† | 3-1/2" x 15-1/2" | 80           | 50        |
| 051125-23841-0† | 3-1/2" x 15-1/2" | 100          | 50        |
| 051111-68593-8† | 4" x 90"         | 60           | 50        |
| 051125-10597-2† | 4" x 90"         | 80           | 50        |
| 051125-11234-5† | 4" x 90"         | 120          | 50        |

† Made-to-Order

### 977F (cont.)

| UPC             | W x L     | Grade        | Qty./Case |
|-----------------|-----------|--------------|-----------|
| 051144-85390-8† | 4" x 132" | 36 L-flex    | 25        |
| 051111-68511-2† | 4" x 132" | 36           | 25        |
| 051119-65751-7† | 4" x 132" | 40           | 25        |
| 051125-15945-6† | 4" x 132" | 40 full flex | 25        |
| 051111-69351-3† | 4" x 132" | 50           | 25        |
| 051111-69352-0† | 4" x 132" | 50 L-flex    | 25        |
| 051115-27540-1† | 4" x 132" | 60           | 25        |
| 051111-68594-5† | 4" x 132" | 60 L-flex    | 25        |
| 051111-68619-5† | 4" x 132" | 80           | 25        |
| 051144-85387-8† | 6" x 132" | 40 L-flex    | 20        |
| 051125-17018-5† | 6" x 132" | 40 full flex | 20        |
| 051111-68518-1† | 6" x 132" | 36 sine      | 10        |
| 051115-19611-9† | 6" x 132" | 36 film      | 10        |
| 051111-68596-9† | 6" x 132" | 60           | 20        |
| 051115-27541-8† | 6" x 132" | 80           | 20        |
| 051111-68524-2† | 8" x 132" | 36           | 20        |
| 051111-68597-6† | 8" x 132" | 60           | 20        |

† Made-to-Order