



CUBITRON™ II
Industrial Abrasives

775L
Premium Series

3M™ Cubitron™ II Film Disc 775L

**Sand Less.
Make More.**

**Every Grade, Every Step;
We've Got You Covered.**

**Cuts
faster**

**Lasts
longer**

**Consistent
finish**

**Safe
operation**

Available in coarse and fine grades:
80+ to 1000+





**Our technology
helps you drive your
business forward.**

3M disrupted the abrasives market by inventing Precision-Shaped Grain – a uniformly shaped triangular mineral that self-sharpens to expose new cutting points throughout its life.

Unlike conventional mineral, this self-sharpening action delivers a faster, more consistent cut rate and exceptional service life.

3M has continued to innovate its mineral technology in two key areas:

Mineral Utilization

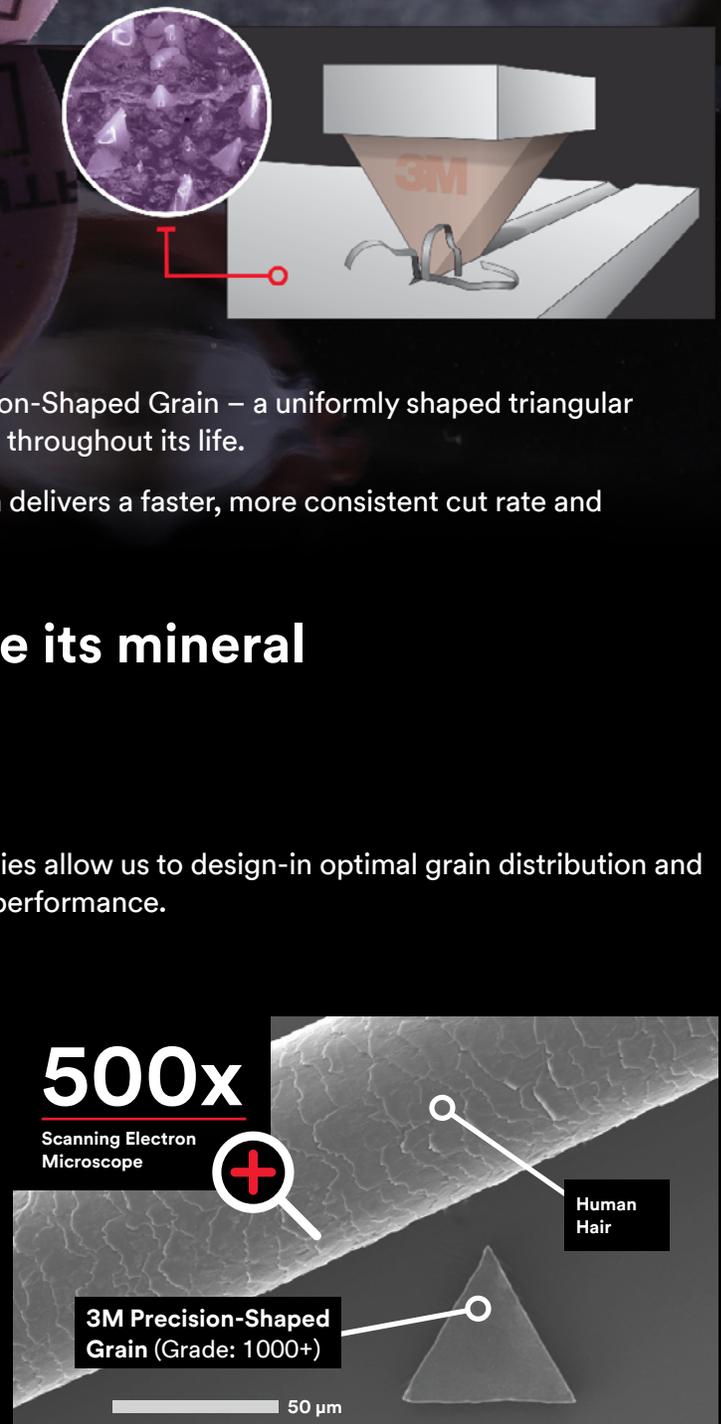
Expertise in product formulation and coating technologies allow us to design-in optimal grain distribution and orientation on the face of the disc – further enhancing performance.

Mineral Size

Proprietary breakthroughs in manufacturing techniques mean we can now make Precision-Shaped Grain even smaller!

This means more applications than ever before can benefit from the performance enhancing capabilities of Precision-Shaped Grain – extending our grade range to 1000+.

3M can now make Precision-Shaped Grain smaller than a human hair – that's 28x smaller than when we first invented this technology!



We've got you covered.

3M Xtract™ Cubitron™ II Film Disc 775L

80+ | 120+ | 150+ | 180+ | 220+ | 240+ | 320+ | 400+ | 500+ | 600+ | 800+ | 1000+

Applications:

Dimensioning, coating material removal, de-flashing, edge rounding

Applications:

Scuffing and prepping for topcoat, coating refinement and re-work

Proven performance that helps transform your process.

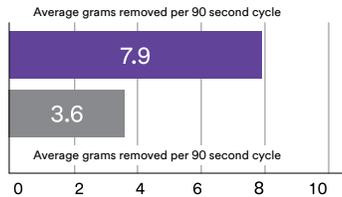
Productivity and Finish

Up to

2x More Speed¹



Designed to provide you with the finish you need faster.



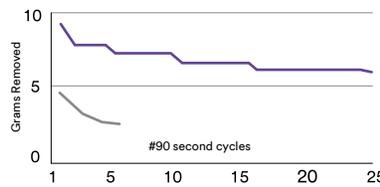
- 3M Xtract™ Aluminum Oxide 236U, P180
- 3M Xtract™ Cubitron™ II 775L, 180+

Up to

6x More Life²



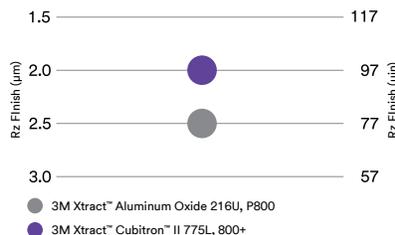
Designed to help you lower costs and reduce disc changeovers.



- 3M Xtract™ Aluminum Oxide 236U, P180
- 3M Xtract™ Cubitron™ II 775L, 180+

More speed and more life without compromising on the finish you need.

This chart shows the comparative fine grade finish achieved between 3M Xtract™ Cubitron™ II Film Disc 775L and a paper aluminum oxide alternative.⁴



Health and Safety

Designed to help you get the working environment your workers want.

Up to

32%



Less Vibration³

Up to

20%



Less Noise³

Product Ordering Information



3M Xtract™ Cubitron™ II Film Disc 775L (Clean Sand)

Grade	Product ID	Discs per Box/Case	
6 inch (150 mm)			
80+	7100045072	50/250	
120+	7100045073	50/250	
150+	7100065918	50/250	
180+	7100064178	50/250	
220+	7100064271	50/250	
240+	7100145316	50/250	
320+	7100141692	50/250	
400+	7100145455	50/250	
NEW	500+	7100383529	50/250
NEW	600+	7100383644	50/250
NEW	800+	7100383723	50/250
NEW	1000+	7100383698	50/250

3M™ Cubitron™ II Hookit™ Film Discs 775L (Plain)

Grade	Product ID	Discs per Box/Case	
6 inch (150 mm)			
80+	7100046327	50/250	
120+	7100046328	50/250	
150+	7100064273	50/250	
180+	7100064272	50/250	
220+	7100064274	50/250	
240+	7100145407	50/250	
320+	7100145462	50/250	
400+	7100145469	50/250	
NEW	500+	7100383522	50/250
NEW	600+	7100383082	50/250
NEW	800+	7100383509	50/250
NEW	1000+	7100383703	50/250

¹ Cuts up to twice as fast: Compared to 3M Aluminum Oxide Abrasive Products. Results are based on total cut over four x ninety second cycles on an automated test with maple material using 5 inch (127 mm) 80 grit discs and 3M Xtract™ Low Profile Finishing Back-up Pad 20290. End of life is defined as when the 3M disc cut rate drops to 75% of the initial cut rate of the conventional abrasive disc.

² Lasts up to six times as long: Compared to 3M Aluminum Oxide Abrasive Products. Results are based on total cut over twenty four x ninety second cycles on an automated test with maple material using 5 inch (127 mm) 180 grit discs and 3M Xtract™ Low Profile Finishing Back-up Pad 20290.

³ Up to 32% less vibration / Up to 20% less noise: Compared to competitive mesh sanding discs tested, according to the independent testing by Fraunhofer Institute – April 2022.

⁴ Finish: Compared to 3M Aluminum Oxide Abrasive Products. Results are based on total cut over two x sixty six second cycles on an automated test with maple material using 5 inch (127 mm) 800 grit discs and 3M Xtract™ Low Profile Finishing Back-up Pad 20352.

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Scan the QR code for 3M Xtract™ System Solutions information.



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