



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 Utilisation

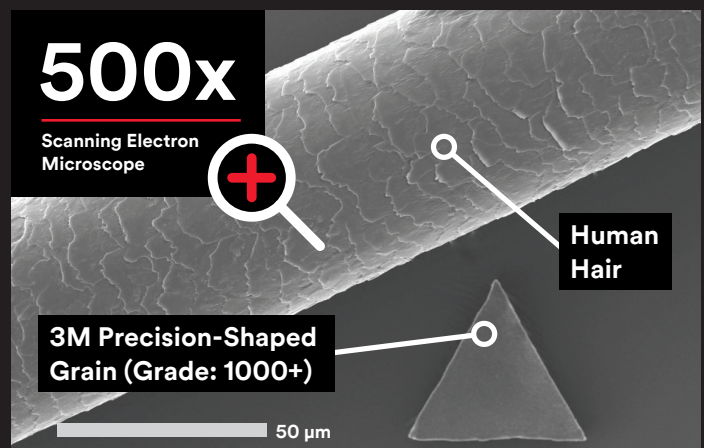
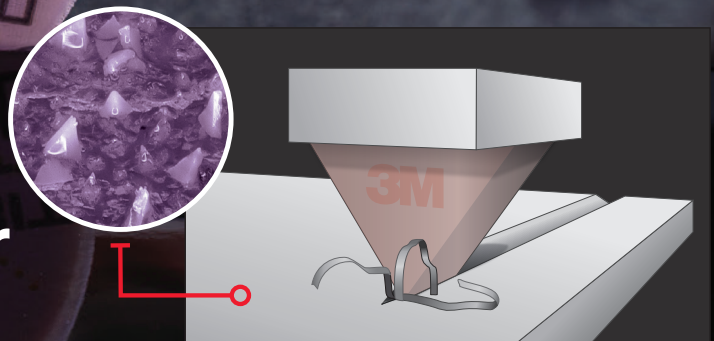
Expertise in product formulation and coating technologies allow us to design-in optimal grain distribution and orientation on the face of the disc – further enhancing performance.

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

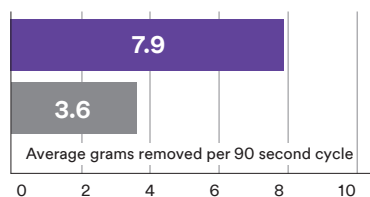
Proven performance that helps transform your process.

Productivity and Finish

Up to **2x** More Speed¹



Designed to provide you with the finish you need faster.

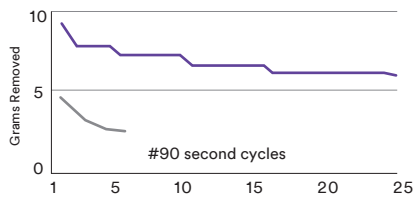


- 3M Xtract™ Aluminium Oxide 236U, P180
- 3M Xtract™ Cubitron™ II 775L, 180+

Up to **6x** More Life²



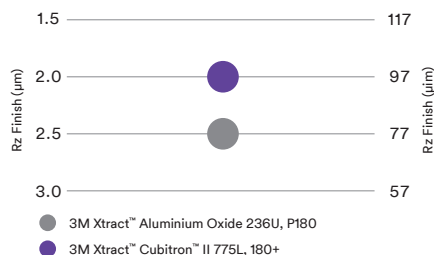
Designed to help you lower costs and reduce disc changeovers.



- 3M Xtract™ Aluminium 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 aluminium oxide alternative.⁴



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


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 Discs 775L		
Grade	Product ID	Discs per Box/Case
75 mm (3 inch)		
80+	7100106678	50/250
120+	7100106714	50/250
150+	7100106717	50/250
180+	7100111238	50/250
220+	7100106716	50/250
240+	7100145460	50/250
320+	7100145433	50/250
400+	7100145452	50/250
500+	7100383518	50/250
600+	7100383568	50/250
800+	7100383519	50/250
1000+	7100383634	50/250
127 mm (5 inch)		
80+	7100045070	50/250
120+	7100045071	50/250
150+	7100064175	50/250
180+	7100064177	50/250
220+	7100064270	50/250
240+	7100145362	50/250
320+	7100145363	50/250
400+	7100145404	50/250
500+	7100383392	50/250
600+	7100383432	50/250
800+	7100383663	50/250
1000+	7100383673	50/250
152 mm (6 inch)		
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
500+	7100383529	50/250
600+	7100383644	50/250
800+	7100383723	50/250
1000+	7100383698	50/250

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3M™ Cubitron™ II Hookit™ Film Discs 775L		
Grade	SAP ID	Discs per Box/Case
75 mm (3 inch)		
80+	7100106742	50/250
120+	7100106764	50/250
150+	7100106762	50/250
180+	7100106768	50/250
220+	7100106766	50/250
240+	7100145430	50/250
320+	7100145431	50/250
400+	7100145477	50/250
500+	7100383390	50/250
600+	7100383625	50/250
800+	7100383597	50/250
1000+	7100383517	50/250
127 mm (5 inch)		
80+	7100046325	50/250
120+	7100046326	50/250
150+	7100064174	50/250
180+	7100064176	50/250
220+	7100064179	50/250
240+	7100145403	50/250
320+	7100145405	50/250
400+	7100145436	50/250
500+	7100383520	50/250
600+	7100383590	50/250
800+	7100383635	50/250
1000+	7100383626	50/250
152 mm (6 inch)		
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
500+	7100383522	50/250
600+	7100383082	50/250
800+	7100383509	50/250
1000+	7100383703	50/250

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3M Xtract™ Cubitron™ II Film Discs 775L Multipacks			
Grade	SAP ID	Discs per Grade	Discs per Multipack/Case
127 mm (5 inch)			
80+, 120+, 150+, 180+, 220+	7010327612	3	15/300
240+, 320+, 400+	7100145376	5	15/300
500+, 600+, 800+, 1000+	7100389839	3	12/260
152 mm (6 inch)			
80+, 120+, 150+, 180+, 220+	7100236652	3	15/300
240+, 320+, 400+	7100233566	5	15/300
500+, 600+, 800+, 1000+	7100394086	3	12/260

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¹ Cuts up to twice as fast: Compared to 3M Aluminium 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 Aluminium Oxide Abrasive Products. Results are based 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 Aluminium Oxide Abrasive Products. Results are based 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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3M Xtract™ System Solutions information available at [3M.com/Xtract](https://www.3m.com/Xtract)



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More disc sizes and types available at [3M.com/775L-uk](https://www.3m.com/775L-uk)