3M | 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.

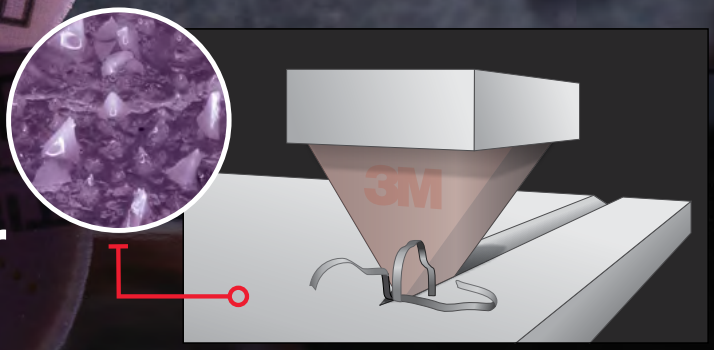
Cuts faster	Lasts longer	Consistent finish	Safe operation



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

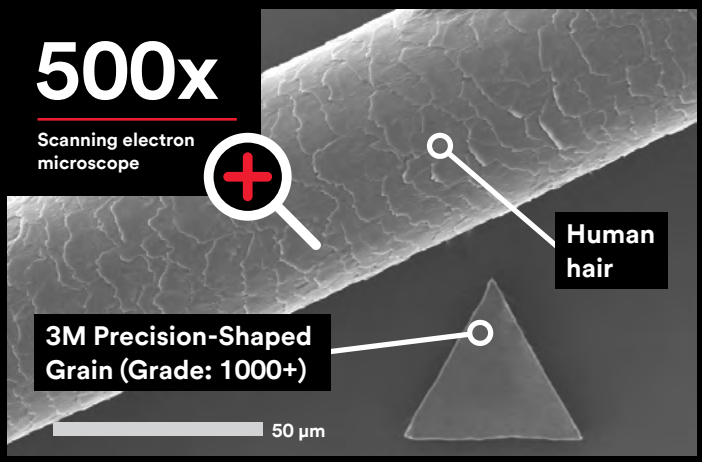
Expertise in product formulation and coating technologies allow us to design-in optimal grain distribution and orientation on the face of the disc – further enhancing performance.

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

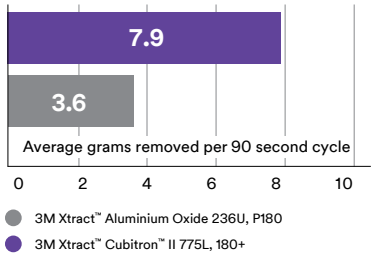
80+	120+	150+	180+	220+	240+	320+	400+	500+	600+	800+	1000+
Applications: Dimensioning, coating material removal, de-flashing, edge rounding						**Applications:** Scuffing and prepping for topcoat, coating refinement and re-work					

Proven performance that helps transform your process.

Productivity and finish

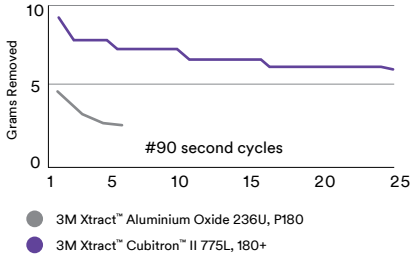
Up to
2x more speed[1]

Designed to provide you with the finish you need faster.



Up to
6x more life[2]

Designed to help you lower costs and reduce disc changeovers.



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]



Health and safety

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

Up to
32%
less vibration[3]

Up to
20%
less noise[3]

Product ordering information

3M | Xtract™
Clean Sanding Solutions



	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
NEW	500+	7100383392	50/250
NEW	600+	7100383432	50/250
NEW	800+	7100383663	50/250
NEW	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
NEW	500+	7100383529	50/250
NEW	600+	7100383644	50/250
NEW	800+	7100383723	50/250
NEW	1000+	7100383698	50/250



	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
NEW	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
NEW	500+, 600+, 800+, 1000+	7100394086	3	12/260



	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
NEW	500+	7100383520	50/250
NEW	600+	7100383590	50/250
NEW	800+	7100383635	50/250
NEW	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
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 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 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.

Product selection and use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

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3M Xtract™ System Solutions information available at
3M.com/Xtract

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