



Science.
Applied to Life.™

3M™ Cubitron™ II Flap Discs

For grinding, weld removal, deburring and more.



Seriously tough. Incredibly fast.

The power of 3M precision-shaped grain technology.
Now in two long-lasting flap disc constructions.

CUBITRON™ II

Engineered to keep going – long after other discs have given up.

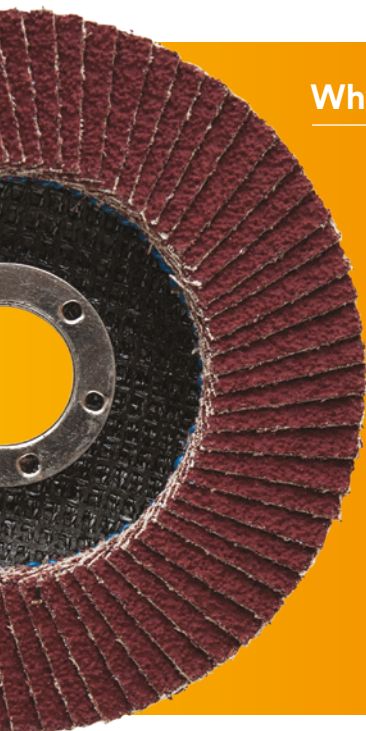
3M™ Cubitron™ II Flap Discs – the one-step alternative to bonded wheels and fibre discs.

You use flap discs because versatility and final finish is important. You choose Cubitron II Flap Discs with precision-shaped grain because you value their extra cutting power on all metal types, on all kinds of jobs, including:

- ▶ Grinding
- ▶ Spatter removal
- ▶ Deburring
- ▶ Blending
- ▶ Surface prep
- ▶ Edge chamfering
- ▶ Finishing
- ▶ Beveling

Flap discs are three-dimensional grinding discs consisting of overlapping layers of abrasive-coated flaps attached to a central hub. These flaps continually wear away with use to expose fresh mineral for a fast, consistent cut.

Now you can experience the cutting power of 3M precision-shaped grain technology – in a versatile, long-lasting flap disc construction!



Why chose a flap disc?

Less prone to gouging

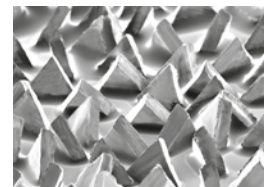
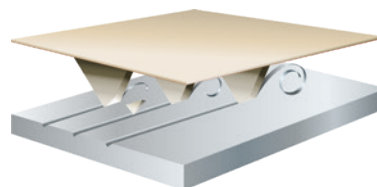
Flexible, for easy control on curves and contours

Enables one-step grinding and blending

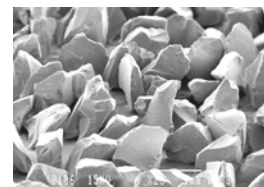
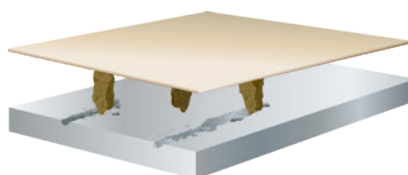
Flap construction contains more abrasive mineral and controls wear, for longer life

The science of Precision Shaped Ceramic Grain

3M precision-shaped grain uses 3M microreplication technology to form sharp peaks that easily “slice” through metal – cutting cooler, faster and lasting longer than conventional abrasive grain.



Conventional ceramic abrasive grain tends to “plough” through the metal, causing heat to build up in the workpiece and the abrasive – resulting in a slower cut and shorter disc life.



Cubitron II Flap Discs include a grinding aid, to help maintain cutting efficiency on heat-sensitive metals.

Choose the right disc for the job:



969F

Heavy duty

- ▶ Beveling
- ▶ Edge deburring
- ▶ Aggressive weld removal



967A

Medium duty

- ▶ Weld removal
- ▶ Scale removal
- ▶ Oxide removal
- ▶ Surface prep
- ▶ Metal dimensioning
- ▶ Blending
- ▶ Light cleaning



Tech tip:

- ▶ 3M Cubitron II Flap Discs will often produce a finish equivalent to the next-finer grade of a fibre disc (i.e. a 60 grit flap disc will usually leave a finish similar to an 80 grit fibre disc) – saving you time and finishing steps!

3M™ Cubitron™ II 969F

The ideal choice for one-step grinding and finishing. Featuring a tough polyester backing, to hold up under demanding applications like heavy grinding, edge deburring and beveling.

3M™ Cubitron™ II 967A

Constructed with a poly-cotton backing that exposes fresh mineral as it wears, for a fast cut. Performs well on many common applications, offering a great balance of fast cut and long life.



Wherever there's a tough job that needs doing, 3M Cubitron II flap discs help you do it faster!

Transportation

- ▶ Ship and boat building
- ▶ Automotive
- ▶ Truck and rail

Fabricated metals

- ▶ Structural steel
- ▶ Sheet metal
- ▶ Machine shops
- ▶ Pipe and tank

Machinery manufacturing

- ▶ Farm and construction equipment
- ▶ Industrial machinery
- ▶ Oil and gas
- ▶ Food processing

3M™ Cubitron™ II Flap Disc 969F

Part number	Diameter	Internal hole	Grit grade	Form	Max. rpm	Box units	Case units	MOQ units
51465	115mm	22.23 mm	40+	Conical	13,300	10	10	10
51466	115mm	22.23 mm	60+	Conical	13,300	10	10	10
51467	115mm	22.23 mm	80+	Conical	13,300	10	10	10
51468	125mm	22.23 mm	40+	Conical	12,000	10	10	10
51469	125mm	22.23 mm	60+	Conical	12,000	10	10	10
51470	125mm	22.23 mm	80+	Conical	12,000	10	10	10
51474	180mm	22.23 mm	40+	Conical	8,500	10	10	10
51475	180mm	22.23 mm	60+	Conical	8,500	10	10	10
51476	180mm	22.23 mm	80+	Conical	8,500	10	10	10
51479	115mm	22.23 mm	40+	Flat	13,300	10	10	10
51480	115mm	22.23 mm	60+	Flat	13,300	10	10	10
51481	115mm	22.23 mm	80+	Flat	13,300	10	10	10
51482	125mm	22.23 mm	40+	Flat	12,000	10	10	10
51483	125mm	22.23 mm	60+	Flat	12,000	10	10	10
51484	125mm	22.23 mm	80+	Flat	12,000	10	10	10
51485	180mm	22.23 mm	40+	Flat	8,500	10	10	10
51486	180mm	22.23 mm	60+	Flat	8,500	10	10	10
51487	180mm	22.23 mm	80+	Flat	8,500	10	10	10

3M™ Cubitron™ II Flap Disc 967A

Part number	Diameter	Internal hole	Grit grade	Form	Max. rpm	Box units	Case units	MOQ units
65051	115mm	22.23 mm	40+	Conical	13,300	10	10	10
65052	115mm	22.23 mm	60+	Conical	13,300	10	10	10
65053	115mm	22.23 mm	80+	Conical	13,300	10	10	10
65054	125mm	22.23 mm	40+	Conical	12,000	10	10	10
65055	125mm	22.23 mm	60+	Conical	12,000	10	10	10
65056	125mm	22.23 mm	80+	Conical	12,000	10	10	10
65060	180mm	22.23 mm	40+	Conical	8,500	10	10	10
65061	180mm	22.23 mm	60+	Conical	8,500	10	10	10
65062	180mm	22.23 mm	80+	Conical	8,500	10	10	10
65066	115mm	22.23 mm	40+	Flat	13,300	10	10	10
65067	115mm	22.23 mm	60+	Flat	13,300	10	10	10
65068	115mm	22.23 mm	80+	Flat	13,300	10	10	10
65069	125mm	22.23 mm	40+	Flat	12,000	10	10	10
65070	125mm	22.23 mm	60+	Flat	12,000	10	10	10
65071	125mm	22.23 mm	80+	Flat	12,000	10	10	10
65072	180mm	22.23 mm	40+	Flat	8,500	10	10	10
65073	180mm	22.23 mm	60+	Flat	8,500	10	10	10
65074	180mm	22.23 mm	80+	Flat	8,500	10	10	10

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