



Science.
Applied to Life.™



BLEND SUPPLY



3M Abrasive Systems Division

Sanding made simple.

Introducing Sanding Made Simple.

For more than 100 years, 3M Science has provided technologies designed to make your life easier and improve the world — one finish at a time. 3M offers the most advanced technologies and processes in the industry — and a wide selection of sanding discs to tackle any job. With so many choices, *Sanding Made Simple* helps you choose the best disc to get the job done right.

It's easy, just:

1. Select your substrate



2. Choose your application



3. See your product recommendation

Now *that's* simple.



3M Xtract™ Clean Sanding Solutions

Experience the ultimate sanding system from 3M, designed to help ensure a consistent and perfect finish on multiple substrates, including wood, metal, and composites. The new 3M Xtract™ Clean Sanding Solutions help improve productivity, performance and the final finish, while maintaining a virtually dust-free work environment thanks to an advanced dust extraction technology.



Metal

For stock removal, light weld blending and paint preparation of metal surfaces from carbon steel to aluminum.

Primary Industries:

- Equipment
- Construction
- Metal Fabrication
- Transportation

See selection guide on page 6.

All-Purpose



Premium: Best in class all-around performing disc whether for deburring, removing discoloration or preparing the surface for painting.

Good: All-around sanding disc for intermediate sanding steps of surface preparation.

3M Xtract™ Cubitron™ II Film Disc 775L

- Precision-shaped ceramic and aluminum oxide blend for fast cut rate and long life
- Film backing for greater durability



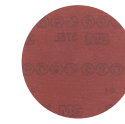
3M Xtract™ Cubitron™ II Net Disc 710W

- Look for the unique hole pattern available only from 3M
- Industry-leading cut rate
- Net backing for virtually dust-free sanding



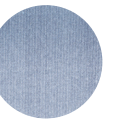
3M™ Film Disc 375L

- Aluminum oxide mineral for fast cut
- Film backing for greater durability

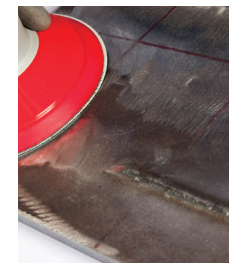


3M Xtract™ Net Disc 310W

- Cost-effective sanding disc
- 3M Precision-Shaped Grain and net backing for virtually dust-free sanding



Aggressive Sanding



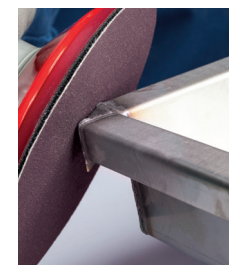
Aggressive sanding disc completes burr and weld removal and also finishes.

3M™ Paper Disc 763U

- Aluminum oxide and ceramic blend for fast cut rate and long life
- Heavier paper backing for tear resistance



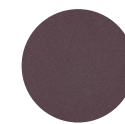
Edges and Corners



Disc durable enough to handle sharp corners and edges while still providing a fast cut rate.

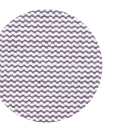
3M™ Cloth Disc 341D

- Heavier cloth backing to avoid edge wear



3M Xtract™ Cubitron™ II Heavy Duty Net Disc 700W

- Heavy duty product
- Thicker mesh backing
- Net backing for virtually dust-free sanding



Composites and Coatings

For sanding on composite surfaces, fine sanding coatings such as gel coat or paint, coating removal and paint stripping.

Primary Industries:

- Marine
- Solid Surface
- Transportation
- Energy



See selection guide on page 6.

Wood

For stock removal, blending and finishing on solid wood and wood-based materials.

Primary Industries:

- Furniture
- Cabinetry
- Millwork



See selection guide on page 6.

All-Purpose

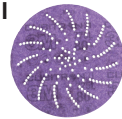


Premium: Best in class all-around performing disc whether for removing sanding marks, removing coatings or retouching a coating.

Good: All-around sanding disc for intermediate sanding steps of surface preparation.

3M Xtract™ Cubitron™ II Film Disc 775L

- Precision-shaped ceramic and aluminum oxide blend for fast cut rate and long life
- Film backing for greater durability



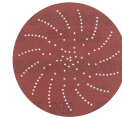
3M Xtract™ Cubitron™ II Net Disc 710W

- Look for the unique hole pattern available only from 3M
- Industry-leading cut rate
- Net backing for virtually dust-free sanding



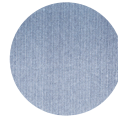
3M™ Film Disc 375L

- Aluminum oxide mineral for fast cut
- Film backing for greater durability



3M Xtract™ Net Disc 310W

- Cost-effective sanding disc
- 3M Precision-Shaped Grain and net backing for virtually dust-free sanding



Finishing



Disc for surface finishing for gel coat applications.

3M™ Film Disc 360L

- Aluminum oxide mineral for long life
- Film backing for durability
- Non-stearated disc



Edges and Corners



Disc durable enough to handle corners and edges while still providing flexibility.

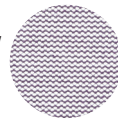
3M™ Cloth Disc 900DZ

- Ceramic mineral for fast cut
- Durable cloth backing minimizes edge wear while still providing flexibility



3M Xtract™ Cubitron™ II Heavy Duty Net Disc 700W

- Heavy duty product
- Thicker mesh backing
- Net backing for virtually dust-free sanding



All-Purpose

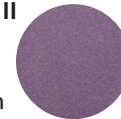


Premium: Best in class all-around performing disc whether for removing sanding marks or preparing surface for painting.

Good: All-around sanding disc for intermediate sanding steps of surface preparation.

3M Xtract™ Cubitron™ II Paper Disc 732U

- Precision-shaped ceramic and aluminum oxide blend
- C wt paper backing provides durable foundation



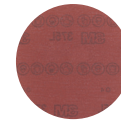
3M Xtract™ Cubitron™ II Net Disc 710W

- Look for the unique hole pattern available only from 3M
- Industry-leading cut rate
- Net backing for virtually dust-free sanding



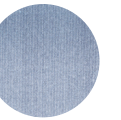
3M™ Film Disc 375L

- Film backing for durability and uniform finish
- Aluminum oxide mineral for fast cut



3M Xtract™ Net Disc 310W

- Cost-effective sanding disc
- 3M Precision-Shaped Grain and net backing for virtually dust-free sanding



Fine Finish



Finest finishing disc for preparing the surface for staining or creating a high quality final smooth surface.

3M™ Paper Disc 426U

- Silicon carbide mineral for fine and consistent finish
- Lightweight paper backing for greater conformability



Edges and Corners



Disc durable enough to handle corners and edges while still providing flexibility.

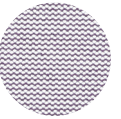
3M™ Cloth Disc 900DZ

- Durable cloth backing minimizes edge wear while still providing flexibility
- Ceramic mineral for fast cut



3M Xtract™ Cubitron™ II Heavy Duty Net Disc 700W

- Heavy duty product
- Thicker mesh backing
- Net backing for virtually dust-free sanding



Abrasives Selection Guide

3M ID	Substrate			Technical Specs				Standard Grade Availability**																								
	Wood	Metal	Composites	Mineral	Backing	Backing Weight	Anti-Loading Coating	Form Availability*	24	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500		
Cubitron™ II 775L	•	•	•	Precision-Shaped Ceramic & Aluminum Oxide	Film	3 mil	✓	S,H,CS						+	+	+	+	+	+				+	+								
Cubitron™ II 732U	•	•	•	Precision-Shaped Ceramic & Aluminum Oxide	Paper	C	✓	S,H,CS						+	+	+	+	+														
763U		•	•	Aluminum Oxide & Ceramic	Paper	F		S,H,CS					A	A	P	P																
426U	•		•	Silicon Carbide	Paper	A	✓	S,H,CS						A	A	A	A	A	A	A	A	A			A							
375L	•	•	•	Aluminum Oxide	Film	5 mil 2.2 mil	✓	S,H,CS					A	P	P	P	P	P	P	P	P	P			P		P	P	P	P	P	
341D		•		Aluminum Oxide	Cloth	X		S	A		A	A	A	A	P	P		P														
360L			•	Aluminum Oxide	Film	3 mil		S,H,CS											P	P	P	P			P	P	P	P	P			
900DZ	•	•	•	Ceramic	Cloth	J		S,H,CS					A	A	P	P	P	P	P													
236U	•	•	•	Aluminum Oxide	Paper	C	✓	S,H,CS						P	P	P	P	P	P	P				P	P							
710W	•	•	•	Precision-Shaped Ceramic & Aluminum Oxide	Net	Medium/Light		X,H						+	+	+	+	+	+				+									
310W	•	•	•	Precision-Shaped Ceramic	Net	Heavy/Medium/Light		X,H						+	+	+	+	+	+				+									
700W	•	•	•	Precision-Shaped Ceramic	Net	Heavy		X,H						+	+																	

* Form Availability
 S = 3M™ Stikit™ Disc
 H = 3M™ Hookit™ Disc
 CS = 3M™ Clean Sanding Disc
 X = 3M Xtract™ Net Disc

** Standard Grade Availability
 A = ANSI (American National Standards Institute) grades
 P = FEPA (Federation of the European Producers of Abrasives) grades
 + = 3M™ PSG (Precision-Shaped Grain) grade



3M Xtract™ Random Orbital Sanders

We took our best line of air-powered random orbital sanders and made it even better.

- Exclusive 3M™ Gripping Material
- Extended, curved wrist rest for more support
- Recessed lever, eliminating pinch points
- Internal muffler won't break off and decreases noise by as much as 6 dB
- Durable composite cover helps prevent cracked housings
- Improved dust collection port
- Available in pneumatic and electric power



And Don't Forget... All-Purpose, All Applications

Multi-purpose discs for a wide range of sanding applications.





3M™ Paper Disc 236U

- Aluminum oxide on a C wt paper backing
- Durable, tear resistant backing



Complete the 3M System with a Random Orbital Sander

Select the orbit that's right for your project.

3/8" Diameter Orbit most aggressive sanding  Gold – 3/8"	5/16" Diameter Orbit aggressive sanding  Black – 5/16"	3/16" Diameter Orbit general purpose sanding  Silver – 3/16"	3/32" Diameter Orbit fine finish sanding  Chrome – 3/32"
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Lever indicates orbit diameter.

Tech Tip

Start on... Stop off... A simple rule of thumb to prevent unnecessary swirl marks on the work surface. Start the sander on the work surface, stop the tool as it is removed from the work surface. For best results, operate tool at 90 PSI air pressure.



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