Sanding made simple.

3M Abrasive Systems
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™ Clean Sanding for Superior Performance

Discs cut and last longer when dust isn’t loading the cutting surface of the abrasives. And reducing dust is easier than ever with 3M™ Clean Sanding Discs. Featuring 3M-proprietary, precise multi-hole patterns, these discs can evacuate dust better than 5- or 6-hole products — dramatically increasing disc life and cut rate.
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 or preparing surface for painting.

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

735U Disc Family
• Aluminum oxide and ceramic mineral blend lasts longer and yields a uniform finish
• Mid-weight paper backing provides durable foundation for mineral

375L Disc Family
• Film backing for durability and uniform finish
• Aluminum oxide mineral for fast cut

Fine Finish

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

426U Disc Family
• Silicon carbide mineral for fine and consistent finish
• Light weight paper backing for greater conformability

Edges and Corners

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

202DZ Disc Family
• Durable cloth backing minimizes edge wear while still providing flexibility
• Aluminum oxide mineral for fast cut
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
• Transportation
• Solid Surface
• Energy

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™ Cubitron™ II 775L Disc Family**
- Precision-shaped ceramic and aluminum oxide blend for fast cut rate and long life
- Film backing for greater durability

**375L Disc Family**
- Aluminum oxide mineral for fast cut
- Film backing for greater durability

Finishing

Disc for surface finishing for gel coat applications.

**360L Disc Family**
- 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.

**202DZ Disc Family**
- Aluminum oxide mineral for fast cut
- Durable cloth backing minimizes edge wear while still providing flexibility
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

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™ Cubitron™ II 775L Disc Family
- Precision-shaped ceramic and aluminum oxide blend for fast cut rate and long life
- Film backing for greater durability

375L Disc Family
- Aluminum oxide mineral for fast cut
- Film backing for greater durability

Aggressive Sanding

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

763U Disc Family
- 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.

341D Disc Family
- Heavier cloth backing to avoid edge wear

See selection guide on page 6.
# Abrasives Selection Guide

<table>
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<tr>
<th>3M ID</th>
<th>Substrate</th>
<th>Technical Specs</th>
<th>Form Availability</th>
<th>Standard Grade Availability**</th>
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<tbody>
<tr>
<td></td>
<td>Wood</td>
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<tr>
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<td>Aluminum Oxide &amp; Ceramic</td>
<td>Paper</td>
<td>F</td>
<td>S,H, CS</td>
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<tr>
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<td>Aluminum Oxide &amp; Ceramic</td>
<td>Paper</td>
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<td>Silicon Carbide</td>
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<td>Aluminum Oxide</td>
<td>Cloth</td>
<td>J</td>
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</tbody>
</table>

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

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

**Good:** Multi-purpose disc for a wide range of sanding applications.

236U Disc Family
- Aluminum oxide on a C wt paper backing
- Durable, tear resistant backing
3M™ Random Orbital Sanders — Elite Series

We took our best line of air-powered 3M™ 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

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”

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.