

3M™ Power Tools,
Abrasives and Accessories

NEW



Optimize

Finishing Results

The Right Tools
The Right Accessories
The Right Abrasives



PERFECT MATCH Abrasive Tools



The Complete 3M™ Finishing Systems family.

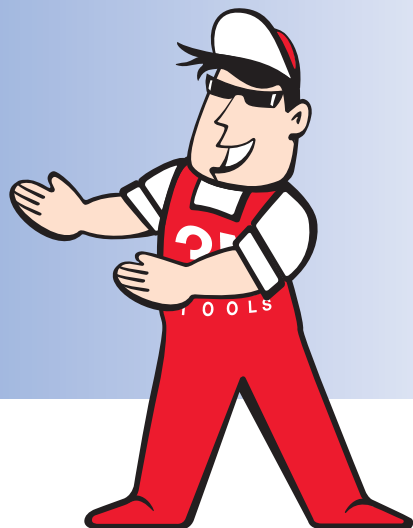
With the additions of the new line of 3M™ Air-Powered Sanding Tools, the advanced finishing solutions you expect from 3M have come full circle.

Tools

3M™ Air-Powered Sanders give you the power to maximize performance and minimize operational obstacles. Tools are designed to reduce vibration, and are packed with the horsepower to perform the way you need.

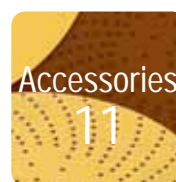
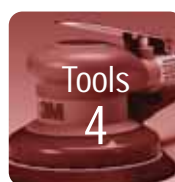
Abrasives

Experience the power of a complete finishing system by combining the 3M abrasives and accessories you've always trusted with the new line of 3M tools specifically designed to help get the job done more efficiently.





CONTENTS



The Right Tools



When you need a finishing tool, you might not think about the innovative equipment technology required to help you do the job more efficiently. But luckily, 3M did. That's why we engineered a better line of air-powered finishing tools. Tools that are designed to work hand-in-hand with the 3M™ Abrasives and Accessories you've always trusted, with the built-in features and performance you'd expect from 3M:

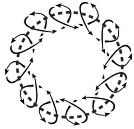
- Variety of NEW Dust Management Systems
- Improved handling and comfort
- Variety of grip sizes available
- Precision balanced, designed for smooth operation
- Color-coded lever for easy orbit identification

Selecting The Right Tool – D.O.V.P

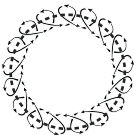
- **D: Diameter** – Select a 3", 5" or 6" diameter Random Orbital Sander and same-size disc pad for optimized tool balance and surface area coverage.
- **O: Orbit of Tool** – Select the orbit that is matched to the application.



5/16" Diameter Orbit
for aggressive sanding.



3/16" Diameter Orbit
for general purpose sanding.



3/32" Diameter Orbit
for fine finish sanding.



Black – 5/16"



Silver – 3/16"



Chrome – 3/32"

- **V: Vacuum Style** – Choose from non-vacuum, central-vacuum-ready or self-generated vacuum models.
- **P: Pad** – Choose from Stikit™, Hookit™, Dust free Pads (both Stikit™ or Hookit™), or Clean Sanding Hookit Pad.



Technical Recommendations for 3M™ Air-Powered Tools



- Use a clean, lubricated air supply that will give a measured air pressure at the tool of 6.2 bar (90 psig) when the tool is running with the lever fully depressed.
- Use an approved 10 mm (3/8 in) x 8 m (25 ft) maximum length airline.
- Connect the tool to the air supply as shown in Figure 1.
- It is strongly recommended that an air filter, regulator and lubricator (FRL) be used as shown in Figure 1, to supply clean, lubricated air at the correct pressure to the tool. If such equipment is not used, the tool should be manually lubricated.

To manually lubricate the tool:

- Disconnect the airline and put 2 to 3 drops of suitable pneumatic motor lubricating oil, such as 3M™ Air Tool Lubricant 20451, into the hose end (inlet) of the tool.
- Reconnect tool to the air supply and run tool for a few seconds to allow air to circulate the oil.
- Lubricate daily if the tool is used frequently or if the tool starts to slow or lose power.
- Tools can be run at lower pressures, but should never be run higher than 6.2 bar (90 psig). If run at lower pressure the performance of the tool is reduced.

Recommended Airline Size:

100 mm Minimum: 3/8 inch

Recommended Maximum Hose Length:

8 meters 25 feet

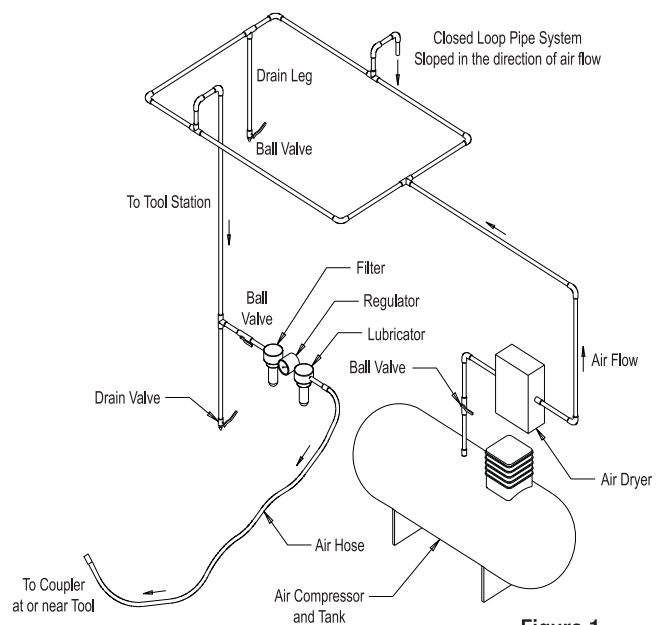
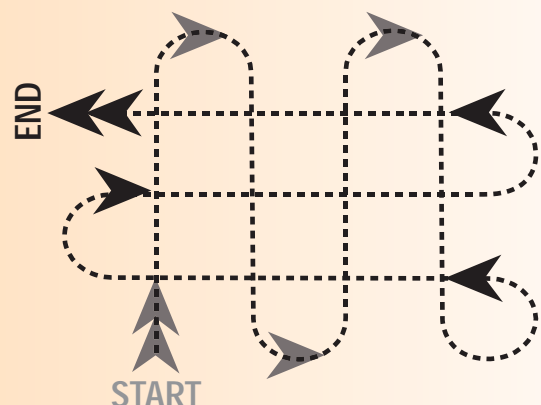


Figure 1

Basic Random Orbital Sanding Techniques

- Start the tool ON and stop the tool OFF the work surface to avoid "swirl marks".
- Run the tool flat to work piece (no tipping on edge).
- Light operator hand pressure on the tool handle.
- North, South, East, West common standing pattern for uniform finish quality – see diagram at right indication.



3M™ AIR TOOLS

The flat-out performer for flat surface finishing

The NEW collection of air-powered 3M™ Orbital Sanders

Designed to maximize finishing performance on flat surfaces, the all-new collection of orbital sanders from 3M are designed with you in mind. And with three vacuum styles to choose from, one's right for every application. Combine these .24 horsepower-charged sanders with industry-trusted 3M™ Abrasives and Accessories, and you'll experience the complete finishing system from 3M that's designed to increase productivity and optimize your finishing results!



Non-Vacuum Model



Central-Vacuum-Ready Model



Self-Generated Vacuum Model

3M™ 3" x 4" Orbital Sanders

Model Number	Size Inch (mm)	Vacuum	Max RPM	Motor HP (W)	Airflow Rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included
20331	3" x 4" (75 x 100)	Non-Vac	10,000	.24(179)	17 (481)	1.43 (.65)	5.48 (139.3)	3.28 (83.5)	Hookit™ Pad 20433
20430	3" x 4" (75 x 100)	Central	10,000	.24(179)	17 (481)	1.53 (.69)	5.48 (139.3)	3.28 (83.5)	Clean Sanding Hookit™ Pad 20435
20431	3" x 4" (75 x 100)	Self-Gen	10,000	.24 (179)	17 (481)	1.58 (.72)	5.60 (142.3)	3.28 (83.5)	Clean Sanding Hookit™ Pad 20435
01814	3" x 4" (75 x 100)	Central	10,000	.24(179)	17 (481)	1.53 (.69)	5.48 (139.3)	3.28 (83.5)	Hookit™ Dust Free Pad 20242
01813	3" x 4" (75 x 100)	Self-Gen	10,000	.24 (179)	17 (481)	1.58 (.72)	5.60 (142.3)	3.28 (83.5)	Hookit™ Dust Free Pad 20242

3M™ 3" x 4" Orbital Sanders Accessories

Part No.	Size	Description	Pad Type	Max OPM	Qty/Case
20432	3" x 4"	3M Stikit™ Pad	Stikit	12,000	10
20433	3" x 4"	3M Hookit™ Pad	Hookit	12,000	10
20242	3" x 4"	3M Hookit™ Dust Free Pad	Hookit(D/F)	12,000	10
20435	3" x 4"	Clean Sanding Pad	Hookit	12,000	10



3M™ AIR TOOLS

All-around better finishes begin here.

The NEW lineup of air-powered 3M™ Non-Vacuum Random Orbital Sanders



If good things come in small packages, you'll be amazed at the power and performance packed into these air-powered non-vacuum workhorses. And when used with industry-trusted 3M™ Abrasives and Accessories, you'll experience the perfectly matched system from 3M that's designed to optimize your finishing needs.

These high quality, powerful .28 horsepower non-vacuum tools are designed to meet or exceed the highest performance standards.

3M™ Non-Vacuum Random Orbital Sanders

Model Number	Tool Dia. Inch (mm)	Orbit Dia. Inch (mm)	Max RPM	Motor HP (W)	Airflow Rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included
20314	3" (77)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.12(.51)	4.9 (124.33)	3.1 (78.61)	Stikit™ Pad 20348
20250	3" (77)	3/16" (5)	12,000	.28(209)	17 (481)	1.34(.61)	4.9 (124.59)	3.26 (83.01)	Clean Sanding Hookit™ Pad 20350
20320	5" (127)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.59 (.72)	5.84 (148.4)	3.26 (82.9)	Stikit™ Pad 20351
20317	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	1.65 (.75)	5.89 (149.6)	3.26 (82.9)	Stikit™ Pad 20351
20457	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	1.65 (.75)	5.89 (149.6)	3.26 (82.9)	Hookit™ Pad 20352
20253	5" (127)	5/16" (8)	12,000	.28(209)	17 (481)	1.68 (.76)	5.92 (150.37)	3.26 (82.9)	Stikit™ Pad 20351
20328	6" (150)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.68 (.76)	6.34 (161.1)	3.26 (82.9)	Stikit™ Pad 20354
20325	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	1.74 (.79)	6.39 (162.3)	3.26 (82.9)	Stikit™ Pad 20354
20460	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	1.74 (.79)	6.39 (162.3)	3.26 (82.9)	Hookit™ Pad 20355
20324	6" (150)	5/16" (8)	12,000	.28(209)	17 (481)	1.74 (.79)	6.45 (163.42)	3.26 (82.9)	Stikit™ Pad 20354



3M™ AIR TOOLS

Dust meets its match.



With the new Clean Sanding System Innovation featuring 3M's proprietary self-contained dust collection system, dust don't stand a chance. The combination of 3M™ Tools, Abrasives and Accessories is designed to work together to improve productivity and optimize your finishing results. These new air-powered sanders work harder to trap and contain more airborne particles. They can also be used with conventional filter bags.



3M™ Self-Generated Vacuum Random Orbital Sanders

Model Number	Tool Dia. Inch (mm)	Orbit Dia. Inch (mm)	Max RPM	Motor HP (W)	Airflow Rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included	Bag Included
20316	3" (77)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.3 (.59)	7.66 (193.89)	3.1 (78.61)	Clean Sanding Hookit™ Pad 20350	Filter Bag
20252	3" (77)	3/16" (5)	12,000	.28(209)	17 (481)	1.52 (.69)	7.64 (194.05)	3.26 (83.01)	Clean Sanding Hookit™ Pad 20350	Filter Bag
20322	5" (127)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.76 (.80)	8.58 (217.9)	3.33 (84.5)	Clean Sanding Hookit™ Pad 20353	Filter Bag
20456	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	1.83 (.83)	8.63 (219.2)	3.3 (84.5)	Stikit™ D/F Pad 20442	Filter Bag
11621	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	1.83 (.83)	6.12 (155.4)	3.33 (84.5)	Stikit™ D/F Pad 20442	Vacuum Bag
14463	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	2.0 (.89)	8.6 (219)	3.3 (83)	Hookit™ D/F Pad 25121	Filter Bag
20319	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	1.83 (.83)	8.62 (219.2)	3.33 (84.5)	Clean Sanding Hookit™ Pad 20353	Filter Bag
14609	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	1.83 (.83)	6.12 (155.4)	3.33 (84.5)	Clean Sanding Hookit™ Pad 20353	Vacuum Bag
20255	5" (127)	5/16" (8)	12,000	.28(209)	17 (481)	1.85 (.84)	8.68 (220.66)	3.26 (82.9)	Clean Sanding Hookit™ Pad 20353	Filter Bag
20330	6" (150)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.9 (.86)	9.08 (230.6)	3.33 (84.5)	Clean Sanding Hookit™ Pad 20356	Filter Bag
20464	6" (150)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.9 (.86)	9.08 (230.6)	3.33 (84.5)	Clean Sanding Hookit™ Pad (15H) 20356	Filter Bag
20459	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	1.96 (.89)	9.1 (231.9)	3.33 (84.5)	Stikit™ D/F Pad 20454	Filter Bag
14617	6" (150)	3/32" (2)	12,000	.28(209)	17 (481)	2.0 (.94)	9.1 (232)	3.3 (83)	Stikit™ D/F Pad 20454	Vacuum Bag
14539	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	2.0 (.94)	9.1 (232)	3.3 (83)	Hookit™ D/F Pad 25122	Filter Bag
20327	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	1.96 (.89)	9.1 (231.9)	3.33 (84.5)	Clean Sanding Hookit™ Pad 20356	Filter Bag
14625	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	2.0 (.94)	9.1 (232)	3.3 (83)	Clean Sanding Hookit™ 20356	Vacuum Bag
20462	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	1.96 (.89)	9.1 (231.9)	3.33 (84.5)	Clean Sanding Hookit™ Pad (15H) 20465	Filter Bag
20208	6" (150)	5/16" (8)	12,000	.28(209)	17 (481)	1.98 (.90)	9.18 (233.4)	3.26 (82.9)	Clean Sanding Hookit™ Pad 20356	Filter Bag



3M™ Central-Vacuum-Ready Random Orbital Sanders

Easily attaches and detaches to your central vacuum system for efficient evacuation of dust and debris.

Model Number	Tool Dia. Inch (mm)	Orbit Dia. Inch (mm)	Max RPM	Motor HP (W)	Airflow Rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included
20315	3" (77)	3/32" (2)	12,000	.28(209)	17 (481)	1.26 (.57)	7.33 (186.17)	3.1 (78.61)	Clean Sanding Hookit™ Pad 20350
20251	3" (77)	3/16" (5)	12,000	.28(209)	17 (481)	1.48 (.67)	7.3 (185.56)	3.26 (83.01)	Clean Sanding Hookit™ Pad 20350
20321	5" (127)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.72 (.78)	8.25 (209.5)	3.33 (84.5)	Clean Sanding Hookit™ Pad 20353
20455	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	1.79 (.81)	8.3 (210.8)	3.33 (84.5)	Stikit™ D/F Pad 20442
14455	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	1.9 (.87)	8.3 (211)	3.3 (83)	Hookit™ D/F Pad 25121
20318	5" (127)	3/16" (5)	12,000	.28(209)	17 (481)	1.79 (.81)	8.3 (210.8)	3.33 (84.5)	Clean Sanding Hookit™ Pad 20353
20254	5" (127)	5/16" (8)	12,000	.28(209)	17 (481)	1.81 (.82)	8.35 (212.08)	3.26 (82.9)	Clean Sanding Hookit™ Pad 20353
20329	6" (150)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.83 (.83)	8.75 (222.2)	3.33 (84.5)	Clean Sanding Hookit™ Pad 20356
20463	6" (150)	3/32" (2.5)	12,000	.28(209)	17 (481)	1.83 (.83)	8.75 (222.2)	3.33 (84.5)	Clean Sanding Hookit™ Pad (15H) 20465
20458	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	1.90 (.86)	8.8 (223.5)	3.33 (84.5)	Stikit™ D/F Pad 20454
14521	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	1.90 (.86)	8.8 (223.5)	3.33 (84.5)	Hookit™ D/F Pad 25122
20326	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	1.90 (.86)	8.8 (223.5)	3.33 (84.5)	Clean Sanding Hookit™ Pad 20356
20461	6" (150)	3/16" (5)	12,000	.28(209)	17 (481)	1.90 (.86)	8.8 (223.5)	3.33 (84.5)	Clean Sanding Hookit™ Pad (15H) 20465
20213	6" (150)	5/16" (8)	12,000	.28(209)	17 (481)	1.92 (.87)	8.85 (224.8)	3.26 (82.9)	Clean Sanding Hookit™ Pad 20356

3M™ Clean Sanding Discs and Accessories

Divert more dust from your work surface to extend disc life and increase productivity. Hundreds of mini holes evacuate dust better than traditional 5-hole or 6-hole products. Experience faster disc changeovers with 3M™ Clean Sanding Disc Pads – no hole alignment is required. And 3M™ Clean Sanding Filter Bags and Adaptors ensure efficient dust evacuation operations.



Clean Sanding Accessories

Part No.	Size	Description	UPC	Qty/Case
20278	5"	Clean Sanding Soft Interface Disc Pads	051141-20278-5	10/case
20443	5" – 31-Hole	Clean Sanding Disc Pad Hook Saver	051141-20443-7	20/case
20444	5" – 44-Hole	Clean Sanding Disc Pad Hook Saver	051141-20444-4	20/case
20445	6" – 25-Hole	Clean Sanding Disc Pad Hook Saver	051141-20445-1	20/case
20446	6" – 52-Hole	Clean Sanding Disc Pad Hook Saver	051141-20446-8	20/case
20452	Large	Clean Sanding Filter Bag	051141-20452-9	50/case
20453	1" Ext. Hose Thread x 1" ID	Filter Bag Adapter	051141-20453-6	10/case

3M™ Air Tool Lubricant

Used to keep pneumatic air tools running efficiently. Use 2-3 drops at the end of each day, or as needed, to maintain tool performance.

Part No.	Size	UPC
20451	4 fl. oz. / 188 ml	051141-20451-2



3M™ AIR TOOLS

PAINT FINISHING SERIES

3M™ 3125 Nib Removal Sander & 3M™ Mini ROS (PN20244)

Perfect for sanding small areas. These light-weight, easy-grip sanders will fit your palm and allow you to keep the proper angle for a finer finish. The smaller head size helps you see the exact point to sand, producing a smaller area to buff out than conventional tools.



3125

PN20244

Model Number	Size	PSI	Max RPM	Motor HP (W)	Weight Pound (kg)	Maximum Air Flow	Air Inlet Thread	Length Inch (mm)	Height Inch (mm)
3125	1 1/4" diam	57~95 PSI	7,500	.067 (50)	1.05 (.48)	5.3 SCFM	1/4"PS	6 1/2 (165)	2 7/8 (73)

Model Number	Tool Dia. Inch	Orbit Dia. Inch (mm)	Max RPM	Motor HP (W)	Airflow Rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad Included
20244	1 1/4"	3/16" (5)	8,000	.14 (107)	15 (425)	1.0 (.45)	4.72 (120)	3.32 (84.5)	Roloc™ Pad 02345

3M™ 7125 and 8125 Buffers

Powerful, yet easy-to-use buffers that provide the fast way to a swirl-free finish. Available in both palm style (7125) or lever style (8125) to suit individual needs. The large orbit allows for faster polishing.



7125

8125

Model Number	Size	PSI	Max RPM	Motor HP (W)	Weight Pound (kg)	Maximum Air Flow	Air Inlet Thread	Length Inch (mm)	Height Inch (mm)
7125	3" diam	57~95 PSI	8,500	.201 (150)	2.09 (.95)	13.4 SCFM	1/4" d3PS	5-1/4 (133)	3-3/4 (94)
8125	3" diam	57~95 PSI	10,000	.201 (150)	2.09 (.95)	13.4 SCFM	1/4" d3PS	9 1/8 (232)	3 5/8 (93)

3M™ 7403 and 9403 Polishing Sanders

Small and light-weight sanders to help you achieve the perfect finish! These easy-to-use sanders are available in rotary (single action - 7403) or random orbital (Dual action - 9403) motions to suit your needs.



7403

9403

Model Number	Size	PSI	Max RPM	Motor HP (W)	Weight Pound (kg)	Maximum Air Flow	Air Inlet Thread	Length Inch (mm)	Height Inch (mm)
7403	2" /3" diam	57~95 PSI	3,000	.134 (100)	1.54 (.7)	12 SCFM	1/4" d3PS	7 (177)	4-1/4 (105)
9403	3" diam	57~95 PSI	10,000	.134 (100)	1.54 (.7)	12 SCFM	1/4" d3PS	7-1/4 (184)	3-7/8 (98)



The Right Accessories

3M offers a full line of accessories to complement our Stikit™, Hookit™, Hookit™ II and the new 3M™ Clean Sanding Disc line of coated abrasive products. Whatever your application, 3M is sure to have an accessory to allow you to maximize your sanding productivity. The foundation of 3M's accessories is the broad line of disc pads in a variety of thicknesses and densities for all your general purpose and specialized orbital sanding needs.

Three Basic Disc Pad Profiles

Available in Stikit™, Hookit™, Hookit™ II and Clean Sanding styles.

Low Profile – *Most Aggressive*



- Offers the most aggressive sanding
- Recommended for flat sanding operations
- Stikit™ Pads available in: Blue vinyl, Silver cloth
- Also available in 5": 5-hole and Hookit™ Clean Sanding dust hole patterns; and 6": 6-hole and Hookit™ Clean Sanding dust hole patterns. Bulk Packaging available in selected 5" and 6" styles.

Standard Profile – *General Purpose*



- 45-degree tapered edge provides flexibility and allows the sanded area to be "feather edged" or more easily blended
- Stikit™ pads available in: Blue vinyl, Silver cloth and Red nylon
- Also available in 5": 5-hole and 6": 6-hole dust hole patterns. Bulk Packaging available in selected 5" and 6" styles.

Low Profile Finishing – *Best Finish*



- Soft foam offers the best finishing of three styles
- Can be used on flat surfaces or contoured surfaces
- Stikit™ pads available in: Brown vinyl
- Also available in 5": 5-hole and 6": 6-hole dust hole patterns. Not available in 6" Hookit™.

Stikit™ Disc Pad Face Color Key

Color	Applications
Blue/Brown Vinyl	Good adhesion and easy removal in most operations
Silver Cloth	Low adhesion surface for high heat applications such as woodworking. Reduces PSA transfer.
Red Vinyl	High adhesion surface and a more durable surface



Disc Pad Recommendations

Use the following chart to select the right pad, tool and abrasive combination to do the right job (see the next pages for detailed pad information).

Tool Size		Stikit™			Hookit™			Hookit™ II		
Application	Orbit	Firm	Medium	Soft	Firm	Medium	Soft	Firm	Medium	Soft
3" Non-Vac										
Finishing	3/32"		*20348			*20350 •20427	•20428		05269	
3" Vac (Central of Self-Gen)										
Finishing	3/32"					*20350 •20427	•20428			
5" Non-Vac										
Medium Stock Removal	3/16"	*20351 05555 85104	05575 45215 88736		*20352 05755	13625 05775		05255	05275	
Finishing	3/32"		05575 45215 88736	05545		13625 05776	16459 77855		05275	05245
5" Vac (Central of Self-Gen)										
High Stock Removal	5/16"	05655 *20442			*20353 05855 *25121			05355		
Medium Stock Removal	3/16"	05655 *20442	45217 82274		*20353 05855 *25121	•20206	•20290 77856	05355	05375	05345
Finishing	3/32"		45217 82274	05645	*20353 05855	•20206	•20290 77856		05375	05345
6" Non-Vac										
High Stock Removal	5/16"	05556 *20354			*20355 05756			02250		
Medium Stock Removal	3/16"	05556 *20354	05576 45216	05546	*20355 05756	05776		05256	05276	05251
Finishing	3/32"		05576 45216	05546		05776			05286	05251
6" Vac (Central of Self-Gen)										
High Stock Removal	5/16"	05656 *20454			*25122	•*20356		05365	05356	
Medium Stock Removal	3/16"	05656 *20454	45218	05646	*25122	05876 05865	•20425	05365	09352	05351
Finishing	3/32"		45218	05646	*25122	*20356 05876	•20425	05365	09352	05351
3"x4" Non-Vac										
3"x4" Vac (Central or Self-Gen)	1/8"					*20433				
	1/8"					*20435 *20242				

- Clean Sanding hole Pattern Disc Pad. See page 9 for more Clean Sanding Accessories.
- * Red color back up pads (come with 3M™ air tools).

Disc Pad Profiles



ACCESSORIES

3M™ Nib Removal Sander Disc Pads



Part No.	Size	Description	UPC	Qty/Case
03125P	1/4"	3M™ Finesse-it™ – Soft	051111-60537-0	10/case
03125H	1/4"	3M™ Finesse-it™ – Hard	051111-20207-5	10/case

3M™ Buffer Disc Pad & Accessories



Part No.	Size	Description	UPC	Qty/Case
02700	3"	3M™ Hookit™ Disc Pad	051111-55764-8	5 pads/case (1 pad/inner)
02648	3 1/4"	3M™ Finesse-it™ Foam Buffing Pad – Orange/General Use	051111-51151-0	50/case (10 pads/inner)
02637	3 3/4"	3M™ Finesse-it™ Foam Buffing Pad – Orange/Contour Use	051111-51158-9	50/case (10 pads/inner)
01963	3"	3M™ Finesse-it™ Foam Buffing Pad – White/Fine Finishing	051111-60799-2	50/case (10 pads/inner)

Stikit™ Disc Pads See page 11 for Stikit™ Disc Pad Face Color Key.



Part No.	Size Dia. x Thickness	Face Color	Description	UPC	Max RPM	Max OPM	Qty/Case
5/16" – 24 EXTERNAL THREAD							
05545	5" x 11/16"	Brown-Soft	LP Finishing	051131-05545-2	12,000	12,000	10
05546	6" x 11/16"	Brown-Soft	LP Finishing	051131-05546-9	10,000	12,000	10
05555	5" x 3/8"	Blue	Low Profile	051131-05555-1	12,000	12,000	10
5555B	5" x 3/8"	Blue-Bulk	Low Profile	051111-51173-2	12,000	12,000	50
05556	6" x 3/8"	Blue	Low Profile	051131-05556-8	10,000	12,000	10
05575	5" x 3/4"	Blue	Standard	051144-05575-3	10,000	12,000	10
5575B	5" x 3/4"	Blue-Bulk	Standard	051111-51170-1	10,000	12,000	50
05576	6" x 3/4"	Blue	Standard	051144-05576-0	10,000	12,000	10
5576B	6" x 3/4"	Blue-Bulk	Standard	051111-51172-5	10,000	12,000	50
05645	5" x 11/16"	Brown-Soft	LP Finishing D/F	051131-05645-9	12,000	12,000	10
05646	6" x 11/16"	Brown-Soft	LP Finishing D/F	051131-05646-6	10,000	12,000	10
05655	5" x 3/8"	Blue	LP Finishing D/F	051131-05655-8	12,000	12,000	10
5655B	5" x 3/8"	Blue-Bulk	LP Finishing D/F	051111-51166-4	12,000	12,000	50
20442	5" x 3/8"	Blue (Red Pad)	LP Finishing D/F	051141-20442-0	12,000	12,000	10
05656	6" x 3/8"	Blue	LP Finishing D/F	051131-05656-5	10,000	12,000	10
20454	6" x 3/8"	Blue (Red Pad)	LP Finishing D/F	051141-20454-3	10000	12000	10
20348*	3" x 1/2"	Blue	Low Profile	051141-20348-5	15,000	15,000	10
20351	5" x 3/8"	Blue	Low Profile	051141-20351-5	12,000	12,000	10
20354	6" x 3/8"	Blue	Low Profile	051141-20354-6	12,000	12,000	10
45215	5" x 3/4"	Silver	Standard	051144-45215-6	10,000	12,000	10
45216	6" x 3/4"	Silver	Standard	051144-45216-3	10,000	12,000	10
45217	5" x 3/4"	Blue	Standard D/F	051144-45217-0	10,000	12,000	10
45218	6" x 3/4"	Blue	Standard D/F	051144-45218-7	10,000	12,000	10
82274	5" x 3/4"	Silver	Standard D/F	051144-82274-4	10,000	12,000	10
85104	5" x 3/8"	Silver	Low Profile	051144-85104-1	10,000	12,000	10
88736	5" x 3/8"	Blue-Tapered Edge	Low Profile	051144-88736-1	10,000	12,000	10

*1/4 – 20 EXTERNAL THREAD ***4 – THREADED HOLES

ACCESSORIES



Hookit™ Disc Pads

Part No.	Size Dia. x Thickness	Description	Hook Type	UPC	Max RPM	Max OPM	Qty/Case
5/16" – 24 EXTERNAL THREAD							
05755	5" x 3/8"	Low Profile	1	051131-05755-5	12,000	12,000	10
05756	6" x 3/8"	Low Profile	1	051131-05756-2	12,000	12,000	10
05775	5" x 3/4"	Standard	1	051131-05775-3	12,000	12,000	10
05776	6" x 3/4"	Standard	1	051131-05776-0	12,000	12,000	10
05855	5" x 3/8"	Dust Free Low Profile – 5-Hole	1	051131-05855-2	12,000	12,000	10
25121	5" x 3/8"	Dust Free Low Profile – 5-Hole (Red Pad)	1	051141-25121-9	12,000	12,000	10
05856	6" x 3/8"	Dust Free Low Profile – 6-Hole	1	051131-05856-9	10,000	12,000	10
25122	6" x 3/8"	Dust Free Low Profile – 6-Hole (Red Pad)	1	051141-25122-6	10000	12000	10
05876	6" x 3/4"	Dust Free Low Profile – 6-Hole	1	051131-05876-7	12,000	12,000	5
13625	5" x 3/4"	45° Tapered – Standard	1	051144-13625-4	10,000	12,000	10
16459	5" x 11/16"	Low Profile Finishing	1	051141-20273-0	12,000	12,000	10
20206	5" x 1/2"	Clean Sanding Disc Pad – 31-Hole	1	051141-20206-8	12,000	12,000	10
20290	5" x 11/16"	Clean Sanding Soft Disc Pad	1	051141-20290-7	12,000	12,000	10
20350*	3" x 1/2"	Clean Sanding Low Profile – 3-Hole	2	051141-20350-8	15,000	15,000	10
20352	5" x 3/8"	Low Profile	2	051141-20352-2	12,000	12,000	10
20353	5" x 3/8"	Clean Sanding Low Profile – 44-Hole	2	051141-20353-9	12,000	12,000	10
20355	6" x 3/8"	Low Profile	2	051141-20355-3	12,000	12,000	10
20356	6" x 3/8"	Clean Sanding Low Profile – 52-Hole	2	051141-20356-0	12,000	12,000	10
20425	6" x 11/16"	Clean Sanding Low Profile – 25-Hole	1	051141-20425-3	12,000	12,000	10
20427	3" x 1/2"	Clean Sanding – 6-Hole	1	051141-20427-7	12,000	12,000	5
20428**	3" x 1"	Clean Sanding Soft – 6-Hole Kit	1	051141-20428-4	12,000	12,000	5
77855	5" x 11/16"	Low Profile Finishing	1	051144-77855-3	12,000	12,000	10
77856	5" x 11/16"	Dust Free Low Profile Finishing – 5-Hole	1	051144-77856-0	12,000	12,000	10

*1/4 – 20 EXTERNAL THREAD **5/16 – INTERNAL THREAD



Hookit™ II Disc Pads

Part No.	Size Dia. x Thickness	Description	UPC	Max RPM	Max OPM	Qty/Case
5/16" – 24 EXTERNAL THREAD						
05245	5" x 11/16"	Low Profile Finishing – Soft	051131-05245-1	12,000	12,000	10
05251	6" x 11/16"	Standard – Soft	051131-05251-2	12,000	12,000	10
05255	5" x 3/8"	Low Profile	051131-05255-0	12,000	12,000	10
02250	6" x 3/8"	Low Profile	051111-50508-7	12,000	12,000	10
05269	3" x 1/2"	Standard – 5/16" – 24 INT	051131-05269-7	15,000	15,000	5
05275	5" x 3/4"	Standard	051131-05275-8	12,000	12,000	10
05276	5" x 3/4"	Standard	051131-05275-8	12,000	12,000	10
05286	6" x 3/4"	Standard – Soft & Tapered Edge	051131-05286-4	12,000	12,000	10
05345	5" x 11/16"	Dust Free Low Profile – 5-Hole	051131-05345-8	12,000	12,000	10
05351	6" x 11/16"	Dust Free Primer Finishing – 6-Hole	051131-05351-9	12,000	12,000	10
05355	5" x 3/8"	Dust Free Low Profile – 5-Hole	051131-05355-7	12,000	12,000	10
05356	6" x 3/8"	Dust Free Low Profile – 6-Hole	051131-05356-4	12,000	12,000	10
05375	5" x 3/4"	Dust Free Standard – 5-Hole	051131-05375-5	12,000	12,000	10
09352	6" x 3/4"	Dust Free Standard – 6-Hole	051131-09352-2	12,000	12,000	5



ACCESSORIES

Tool Accessories

Part No.	Description	
ADAPTERS		
3MB0065	Super Vacuum Swivel Hose Fitting Adapter (1" Male Thread x 1" ID)	
3MB0441	Super Vacuum Swivel Hose Fitting Adapter (1" Male Thread x 1 1/4" ID)	
3MB0088	3/4" Female Hose Thread to 1" Female Hose Thread	
3MB0098	1" Female Hose Thread to 1 1/4" Female Hose Thread	
3MB0087	3/4" Female Hose Thread To 1 1/2" OD. Friction Fitting	
3MB0114	1" Female Hose Thread to 1" OD. Friction Fitting	
3MB0092	1" Female Hose Thread to 1 1/2" OD. Friction Fitting	
VACUUM SYSTEM ASSEMBLIES		
3MA1434	Double Bag Vacuum Assembly (Black vacuum bag with paper bag insert)	
3MA1459	Vacuum Bag Paper Insert (Pack of 10)	
3MB0123	1" Double Bag Vacuum Fitting	
3MB0133	3/4" Double Bag Vacuum Fitting	
3MA1487	3/4" Vacuum Hose To Double Bag Fitting & Airline Assembly	
3MA1488	1" Vacuum Hose To Double Bag Fitting & Airline Assembly	
3MA1489	3/4" Vacuum Hose to 1" Female Hose thread CV Vacuum Hose Assembly	
3MA1490	1" Vacuum Hose to 1 1/2" Friction Fit CV Vacuum Hose Assembly	
VACUUM EXHAUST HOSES		
3MA0666	3/4" Vacuum Hose By The Foot (60ft Max Length)	
3MA0667	1" Vacuum Hose By The Foot (60ft Max Length)	
AIRLINES		
3MA0302	Air Inlet Line With Fittings (1/4" x 5ft, 18NPT)	
3MA0415	1/4" x 25ft. Air Line With Compression Fittings	

ACCESSORIES

Tool Accessories



Part No.	Description	
FITTINGS		
3MA1175	3/4" Hose Supervac SGV Swivel Exhaust Fitting Kit	
3MA1176	1" Hose Supervac SGV Swivel Fitting Kit	
3MA1359	3/4" Orbital Sander CV Supervac Swivel Exhaust Assembly	
3MA1360	1" Orbital Sander CV Supervac CV Swivel Exhaust Assembly	
3MA1289	3/4" Hose Swivel Coupling	
3MA1290	1" Hose Swivel Coupling	
3MA1291	3/4" to 1" Hose Swivel Coupling	
3MB0320	3M Grip 2-1/2" (For small sized hands)	
3MB0321	3M Grip 2-3/4" - Standard on Tool (For medium sized hands)	
3MB0322	3M Grip 3" (For large sized hands)	

Servicing Kits

Part No.	Description	
3MA0063	Rotor & Vane & Key Sets (Used On All machines)	
3MA0081	Spacer Set (For 3" X 4" Sanders)	
3MA0095	10,000rpm Muffler Kit	
3MA0096	12,000rpm Muffler Kit	
3MA0432	Speed Valve Set	
3MA0434	Endplate Bearing Kit	

ACCESSORIES

Servicing Kits

Part No.	Description	
3MA0497	Spindle Bearing Set For 3" ROS & 3"x4" Sanders	
3MA1164	Spindle Bearing Set For 5" & 6" ROS	
3MA0431	Air Inlet Kit 1/4-18 NPT (Used On All Machines)	
3MA0311	Overhaul Service Kit For 3"x4" Sanders (Contains rotor, vanes, key, valve seat, valve, valve spring, mufflers, muffler housing, o-rings, retaining rings, valve stem assembly, bearings, shims, pad support assembly)	
3MA0398	Overhaul Service Kit For 3" ROS (Contains rotor, vane, key, valve seat, valve, valve spring, mufflers, muffler housing, o-rings, retaining rings, valve stem assembly, bearings, shims)	
3MA1123	Overhaul Service Kit For 12,000 rpm 5 & 6" ROS (Contains rotor, vanes, key, valve seat, valve, valve spring, mufflers, muffler housing, o-rings, retaining rings, valve stem assembly, bearings, shims)	
3MB0412	Drop-In Motor For 5" ROS 5/16" Orbit	
3MB0415	Drop-In Motor For 6" ROS 5/16" Orbit	
3MB0283	Drop-In Motor For 5" ROS 3/16" Orbit	
3MB0284	Drop-In Motor For 6" ROS 3/16" Orbit	
3MB0285	Drop-In Motor For 5" ROS 3/32" Orbit	
3MB0286	Drop-In Motor For 6" ROS 3/32" Orbit	
3MB0408	Drop-In Motor For 3" ROS 3/16" Orbit	
3MB0289	Drop-In Motor For 3" ROS 3/32" Orbit	

Repair Tools

Part No.	Description	
3MA0849	8mm Hex Wrench	
3MA0416	Bearing Separator	
3MA1621	Universal Service Tool Kit: Contains Press Tool Top (T1A, T2A, T3A, T4A, T5A, T10A), Press Tool Bottom (T1B, T2B, T3B, T4B, T5B, T10B), Lock Ring Wrench/ Spindle Puller (T6), Soft collar (T7), Endplate bearing Removal Tool (T8), Bearing Puller Tool (T9), Adaptors (T11, T12), Bearing Press Sleeve Tool (T13), 13, 17 & 24mm Wrenches, Bearing Separator, Allen Wrenches	
3MA0726	Arbor Press	
3MA0483	3" ROS Repair Tools Kit	
3MA0484	3" x 4" Sander Repair Tools Kit	



The Right Abrasives

3M™ Stikit™ Abrasives

Versatile, Convenient and Efficient. 3M manufactures a complete line of Stikit™ Coated abrasives to handle your entire range of sanding and finishing needs. Stikit™ systems are coated abrasive products with a pressure-sensitive adhesive coating on the back.

The advantages of Stikit™ systems:

- Ease of application, and removal for convenient and efficient use
- Versatility of product forms for all your coated abrasive applications
- Stikit™ Disc Rolls, convenience at your fingertips

3M™ Hookit™ Abrasives

3M offers a complete line of traditional hook & loops style discs for areas where adhesive backed discs may become contaminated by dust, dirt or flying debris.

The advantages of Hookit™ systems:

- Hookit™ Attachment System allows for re-attachment of the disc between grade shifts or work pieces
- Hookit™ backing does not become contaminated by dust, dirt and debris for maximum utilization of abrasives

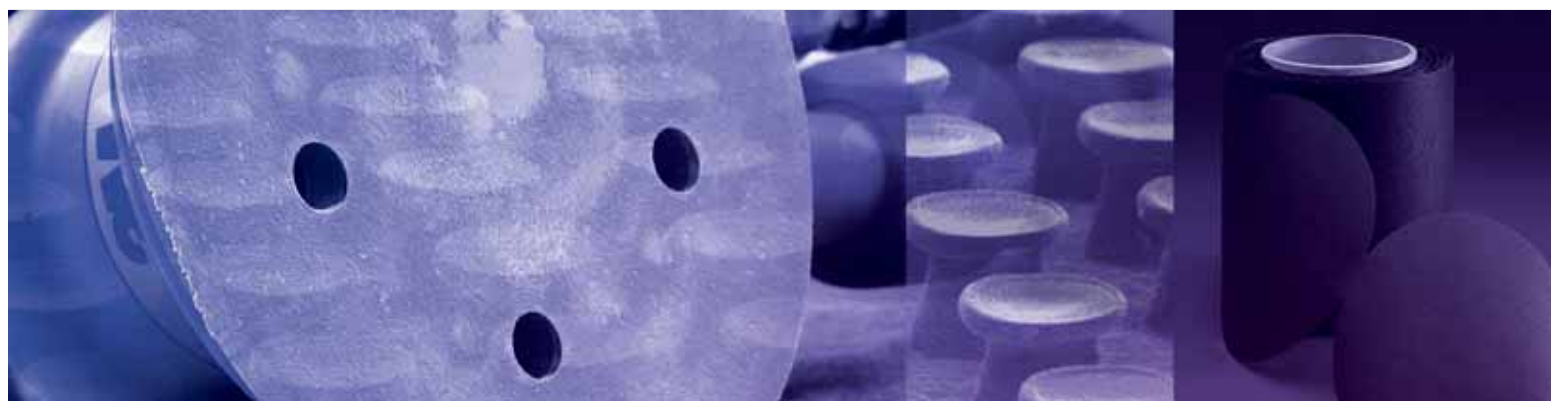
3M™ Hookit II™ Abrasives

In the Hookit™ II system the hooks are placed on the back of the disc, while the loops are placed on the disc pad.

The advantages of Hookit™ II systems:

- The film backing of the stems on the back of the disc provides for greater tear resistance and increased durability of the coated abrasive disc
- The loops on the disc pad can provide improved heat dispersal





NEW Dust Management System 3M™ Clean Sanding Abrasives with Hookit™ Attachments

Help improve productivity with the latest innovation in dust evacuation. 3M™ Clean Sanding Discs are designed to cut more and last longer. The patented multi-hole pattern captures and removes more dust, compared to 5- or 6-hole products. This can dramatically increase disc life. The new design doesn't even require alignment of holes with the disc pad, making switching discs fast, easy and convenient. And the Hookit™ attachment system provides excellent backing support designed for easy reuse.

Revolutionary Clean Standing System

Help eliminate dust control worries by combining your self-generated vacuum sanding tool with the patented Clean Sanding multi-hole abrasives and Clean Sanding Filter Bag. You'll get more life out of your abrasives, and less dust in your workplace. The 3M™ Clean Sanding Filter Bags are easy to use because there's no vacuum hose attached to restrict operator movement. The 3M™ Filtrete™ technology captures and holds dust electrostatically, allowing the sanding tool to be used for vertical sanding without clogging the bag entrance port. The result is a cleaner work area that can help you increase productivity and reduce rework due to excess dust.



New
Clean Sanding
Abrasives

3M Abrasive Technology Platforms

3M™ Cubitron™ Abrasive Grain



This innovative abrasive grain is one of the hardest, longest-lasting minerals available. Perfect for moderate to heavy stock removal, it's engineered to cut fast and handle intense heat and stress applications. It's ideal for use with stainless steel and whitewood sanding.

Compared to others, our product design can help:

- Eliminate process steps
- Improve cut rate consistency
- Produce finer finishes
- Reduce cost per part
- Extend disc life

You'll find Cubitron™ Abrasive Grain in 3M™ Paper Discs 735U, 750U, 751U, 763U and Cloth Discs like 900DZ.

3M™ Trizact™ Abrasives



Microreplicated Trizact™ pattern



Conventional

Three-dimensional structures uniformly distributed over the entire surface of Trizact abrasives ensure consistent performance and eliminate disc-to-disc variation. Unlike conventional abrasives, Trizact discs start sharp and stay sharp, resulting in more predictable finishes and improved, consistent quality. Trizact discs can last up to five times longer than conventional discs – and finish so precisely that operators can reduce grade sequences, lowering your abrasive and production costs.

3M Structured Abrasive Technology

Trizact discs contain multiple layers of abrasive mineral. As these structures wear down, fresh sharp mineral is exposed. The result is no more erratic, inconsistent finishes like those generated by conventional coated abrasives.

Scotch-Brite™ Discs

For 50 years, 3M has set the standard in nonwoven products, providing maximum performance, proven value, greater selection – and continuous innovation.

Today, no 3M technology better embodies these qualities than Scotch-Brite products.

Only Scotch-Brite products:

- Improve surfaces without significantly changing workpiece shape or dimension
- Are equally well-suited for cleaning, blending, deburring, finishing and polishing
- Help prevent undercutting or gouging, through their controlled abrasive action
- Provide consistent, uniform finishes because fresh abrasive is continuously exposed to the work surface
- Run cool and resist loading with their open web construction, reducing the risk of part discoloration and warping and also extending the life of the products



For more information visit our website
<http://www.3M.com/AirTools>

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Warranty and Limited Remedy: 3M warrants this tool against defects in workmanship and materials under normal operating conditions for one (1) year from date of purchase. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the 3M tool is fit for a particular purpose and suitable for user's application. User must operate the tool in accordance with all applicable operating instructions, safety precautions, and other procedures stated in the operating manual to be entitled to warranty coverage. 3M shall have no obligation to repair or replace any tool or part that fails due to normal wear, inadequate or improper maintenance, inadequate cleaning, non-lubrication, improper operating environment, improper utilities, operator error or misuse, alteration or modification, mishandling, lack of reasonable care, or due to any accidental cause. If a tool or any part thereof is defective within this warranty period, your exclusive remedy and 3M's sole obligation will be, at 3M's option, to repair or replace the tool or refund the purchase price.

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