



- Powerful tools improve productivity and reduce labor costs
- Designed to work with 3M™ Buffing Pads and Compounds
- Save money by repairing instead of repainting
- Ergonomic tool design for increased user comfort

# Precision Finishing by Design

When you use our complete  
3M™ Buffing System you can  
save money by repairing defects.



Available in rotary or random orbital motions and in multiple sizes, 3M™ Buffers and Polishers make an excellent choice for a variety of repairs on different substrates across a wide range of industries.



Clear Coat



Lacquered Wood



Solid Surface



Gelcoat



Powder Coat



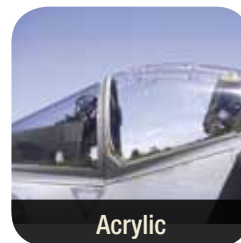
Transportation





Industrial Paint



Acrylic



## Choose the Right Tool for Your Buffing Needs

	Rotary Tool	Random Orbital Tool
Tool Features	<ul style="list-style-type: none"> <li>• Fast cut rate</li> <li>• Coarse finish</li> <li>• Low vibration, better control on tool</li> </ul> 	<ul style="list-style-type: none"> <li>• Fine, haze-free finish (no swirl marks)</li> <li>• Eliminates need for a secondary polisher</li> <li>• Nearly impossible to burn the paint</li> </ul> 
Pad Type	<ul style="list-style-type: none"> <li>• Wool or foam pads</li> <li>• Typically used with wool for faster cut</li> </ul>	<ul style="list-style-type: none"> <li>• Foam pads only</li> </ul>
Polish Type	<ul style="list-style-type: none"> <li>• Use with coarse polishes</li> </ul>	<ul style="list-style-type: none"> <li>• Use with very fine polishes</li> </ul>



## Buffing Process

Shown below are suggested sequences for finishing on different substrates. These sequences should be considered as starting points and may be modified based on the needs of the specific job.

### Powder Coat

1 ►



3M™ Elite Non-Vacuum  
Random Orbital Sander

2 ►



3M™ Electric Variable  
Speed Polisher

3 ►



3M™ Random  
Orbital Buffer

### Clear Coat

1 ►



3M™ Mini-Random  
Orbital Sander

2 ►



3M™ Random  
Orbital Buffer

### Solid Surface

1 ►



3M™ Elite Self-Generated Vacuum  
Random Orbital Sanders  
(clean sanding abrasive, coarse grade)

2 ►



3M™ Elite Self-Generated Vacuum  
Random Orbital Sanders  
(clean sanding abrasive, finer grade)\*

3 ►



3M™ Rotary  
Buffer

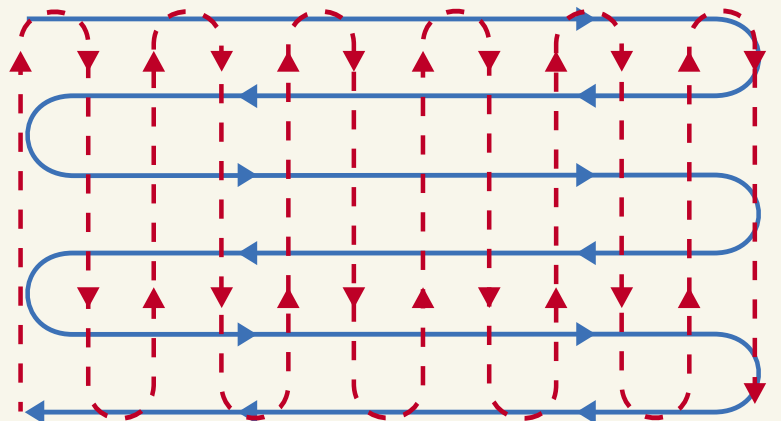
\*Repeat as necessary with finer grades of clean-sand abrasives

## General Buffing Technique

### For Rotary and Random Orbital Tools

#### For Large Area Repairs (6"+)

Polish the desired area using an overlap pattern as illustrated. Initial step should be in the horizontal direction (shown in blue) followed by the vertical direction (shown in red).



#### For Small Repairs

Polish first in an "L" shape, followed by a small circular motion.

# Buffing Pad and Compound Selection Guide

3M™ Finesse-It™ System
Use with 3M™ Buffers

Finishing Material
 Purple Polish
 Final Finish
 Extra Fine

White Wool
 Black Wool
 White Foam, Open Cell
 Gray Foam
 Orange Foam
 White Foam, Fine Finish







Coarse
Fine

White Wool
 White Foam
 Black Foam
 Blue Foam

Rubbing Compound
 Machine Polish
 Ultra-Fine Machine Polish

3M™ Perfect-It™ System
Use with 3M™ Electric Variable Speed Polisher

Rotary Tool	Random Orbital Tool
Slight angle to work surface (5°)	Flat against work surface
Force: 2 lbs.	Force: 4 lbs.
Recommended speed: – 3" (PN28361): 3,500 RPM (Max) – 7" (PN28391): 1,400 RPM	Recommended speed: – 3" (PN28333): 11,000 (Max) – 5" (PN28392): 10,000 (Max)

													
		Rotary				Random Orbital							
		3" Rotary Buffer			7" Rotary Polisher			3" Random Orbital Buffer			5" Random Orbital Buffer		
Part No.	28631			28391			28333			28392			
UPC	051141-28631-0			051141-28391-3			051141-28333-3			051141-28392-0			
Motor	0.26 HP			11 Amp			0.45 HP			0.45 HP			
Rec. RPM	3,500			1,400–1,800			11,000			10,000			
Spindle	1/4–20 INT			5/8–11 EXT			1/4–20 INT			5/16–20 INT			
Orbit/Rotary	Rotary			Rotary			1/2" (12mm) Orbit			3/8" (10mm) Orbit			
Primary Markets	<ul style="list-style-type: none"><li>• Industrial Paint</li><li>• Auto OEM Tier 1</li><li>• Auto OEM</li><li>• Marine Specialty Vehicle/Composites</li><li>• Aerospace</li></ul>			<ul style="list-style-type: none"><li>• Automotive Aftermarket</li><li>• Auto OEM Tier 1</li><li>• Marine Specialty Vehicle/Composites</li><li>• Aerospace</li></ul>			<ul style="list-style-type: none"><li>• Auto OEM</li><li>• Auto OEM Tier 1</li><li>• Marine Specialty Vehicle/Composites</li><li>• Aerospace</li></ul>			<ul style="list-style-type: none"><li>• Auto OEM</li><li>• Auto OEM Tier 1</li><li>• Marine Specialty Vehicle/Composites</li><li>• Aerospace</li></ul>			
Applications	<b>Small Repair</b> <ul style="list-style-type: none"><li>• Aggressive Spot Defect Repair</li><li>• Paint Job Shops</li><li>• Powder Coat</li></ul>			<b>Large Repair</b> <ul style="list-style-type: none"><li>• Automotive Aftermarket Repair Shops</li><li>• Marine</li><li>• OEM Importation</li><li>• Polycarbonate/Acrylic</li><li>• Solid Surface</li><li>• Gelcoat Repair</li><li>• S/C (Gasket removal)</li></ul>			<b>Small Repair</b> <ul style="list-style-type: none"><li>• Spot Defect Repair</li><li>• Paint Job Shops</li><li>• Powder Coat</li></ul>			<b>Medium Repair</b> <ul style="list-style-type: none"><li>• Medium Area Repair</li><li>• Final Repair (Paint Hospital)</li><li>• Polycarbonate/Acrylic</li><li>• Solid Surface</li><li>• Polyurethane</li></ul>			
Product Family	3M™ Finesse-It™			3M™ Perfect-It™			3M™ Finesse-It™			3M™ Finesse-It™			
<div>Buffing Pads</div> <div><div>Coarse</div><div>Wool</div><div></div><div>Knit Wool</div><div></div><div>Foam</div><div></div><div>Fine</div></div>	Product	Size	Part #	Product	Size	Part #	Product	Size	Part #	Product	Size	Part #	
	Natural White	3" x 1/4"	5730	White	9"	05753	N/A			N/A			
	Natural White	3" x 20mm	81470	White, Low Lint	9"	33279							
	Natural Black		85103	N/A									
	Knit White	3" x 15/16"	85078	N/A			N/A			N/A			
	Knit II White		85084										
	Knit II White	3" x 11/16"	85099										
	Product	Size	Part #	Product	Size	Part #	Product	Size	Part #	Product	Size	Part #	
	White, Open Cell	3-3/4"	20271	White (Medium Cut)	9"	05706	White, Open Cell	3-3/4"	20271	White, Open Cell	5-1/4"	28401*	
	Gray	3-1/4"	25134	Black (Light Cut)	9"	05707	Gray	3-1/4"	25134	N/A			
	Gray	3-3/4"	25135		Gray	3-3/4"	25135						
	Orange, White Loop	3-1/4"	02648	Blue (Least Cut)	9"	05708	Orange, White Loop	3-1/4"	02648	Orange, White loop	5-1/4"	02362	
	Orange, Black Loop	3-1/4"	02648B				Orange, Black Loop	3-1/4"	02648B	Orange, Black loop	5-1/4"	02632B	
	Orange	3-3/4"	02637				Orange	3-3/4"	02637	N/A			
	White	3"	01963				White	3"	01963	White	5-1/4"	01912	
Backup Pad	3M™ Hookit™ Clean Sanding Low Profile	3"	20350†	None – Use 3M™ Quick Connect Adapter		05752	3M™ Hookit™ Clean Sanding Low Profile	3"	20350†	3M™ Hookit™ D/F Low Profile Finishing	5"	84226	
<div>Compounds</div> <div><div>Coarse</div><div></div><div>Fine</div></div>	Product	Size	Part #	Product	Size	Part #	Product	Size	Part #	Product	Size	Part #	
	Finishing Material	Liter	81235	Rubbing Compound	Quart	06085	Finishing Material	Liter	81235	Finishing Material	Liter	81235	
		Gallon	13084					Gallon	13084		Gallon	13084	
	Purple Polish	Gallon	51056	Machine Polish	Quart	06064	Purple Polish	Gallon	51056	Purple Polish	Gallon	51056	
	Final Finish	Liter	82877				Final Finish	Liter	82877	Final Finish	Liter	82877	
		Gallon	82878	Gallon	82878	Gallon		82878					
	Extra Fine	Gallon	06002	Ultra Fine Machine Polish	Quart	06068	Extra Fine	Gallon	06002	Extra Fine	Gallon	06002	

\*Available OUS only.

†Included with tool. For AOEM and other applications requiring a harder disc pad, use PN28472.





**Product 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. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

**3M**

Check out the collection of air sanders and polishers we offer.