



The Finishing Touch

Buff & Polish



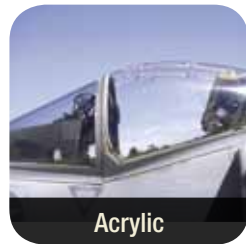
- Powerful tools improve productivity and reduce labor costs
- Designed to work with 3M™ Buffing Pads and Compounds
- Save money by repairing instead of repainting
- Ergonomic tool design for increased user comfort

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.



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



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

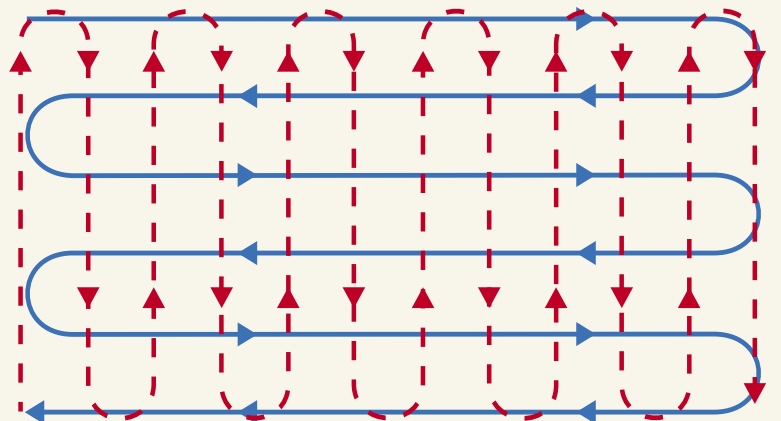
*Repeat as necessary with finer grades of clean-sand abrasives

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

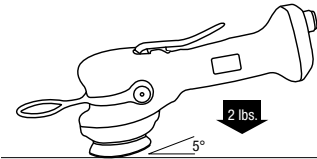
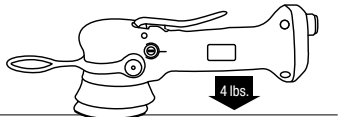


Ultra-Fine Machine Polish




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



PN28391

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"> Industrial Paint Auto OEM Tier 1 Auto OEM Marine Specialty Vehicle/Composites Aerospace 			<ul style="list-style-type: none"> Automotive Aftermarket Auto OEM Tier 1 Marine Specialty Vehicle/Composites Aerospace 		<ul style="list-style-type: none"> Auto OEM Auto OEM Tier 1 Marine Specialty Vehicle/Composites Aerospace 			<ul style="list-style-type: none"> Auto OEM Auto OEM Tier 1 Marine Specialty Vehicle/Composites Aerospace 				
Applications		Small Repair <ul style="list-style-type: none"> Aggressive Spot Defect Repair Paint Job Shops Powder Coat 			Large Repair <ul style="list-style-type: none"> Automotive Aftermarket Repair Shops Marine OEM Importation Polycarbonate/Acrylic Solid Surface Gelcoat Repair S/C (Gasket removal) 		Small Repair <ul style="list-style-type: none"> Spot Defect Repair Paint Job Shops Powder Coat 			Medium Repair <ul style="list-style-type: none"> Medium Area Repair Final Repair (Paint Hospital) Polycarbonate/Acrylic Solid Surface Polyurethane 				
Product Family		3M™ Finesse-It™			3M™ Perfect-It™		3M™ Finesse-It™			3M™ Finesse-It™				
		Product	Size	Part #	Product	Size	Part #	Product	Size	Part #	Product	Size	Part #	
Coarse Wool  Knit Wool		Natural White	3" x 1/4"	5730	White	9"	05753	N/A	3" x 20mm	81470	White, Low Lint	9"	33279	
		Natural White												
		Natural Black			85103	N/A								
		Knit White	3" x 15/16"	85078	N/A									
		Knit II White		85084	N/A									
		Knit II White	3" x 11/16"	85099	N/A									
Foam  Fine		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	N/A			
		Orange, White Loop	3-1/4"	02648				Orange, White Loop	3-1/4"	02648	Orange, White loop	5-1/4"	02362	
		Orange, Black Loop	3-1/4"	02648B	Blue (Least Cut)	9"	05708	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
	Compounds  Fine		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				Ultra Fine Machine Polish	Quart	06068	Final Finish	Liter	82877	Final Finish
			Gallon	82878	Gallon	82878	Gallon					82878		
	Extra Fine	Gallon	06002	Extra Fine	Gallon	06002	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.



For Technical Assistance call 1-866-279-1235.

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.

Warranty and Limited Remedy: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



Abrasives Systems Division

3M Center
Building 223-6S-03
St. Paul, MN 55144-1000
www.3M.com/Abrasives

Please recycle. Printed in U.S.A.
© 3M 2012. All rights reserved.
61-5002-8318-1 (July 2012)

3M, Finesse-it, Hookit, and Perfect-It are trademarks of 3M. Used under license in Canada.