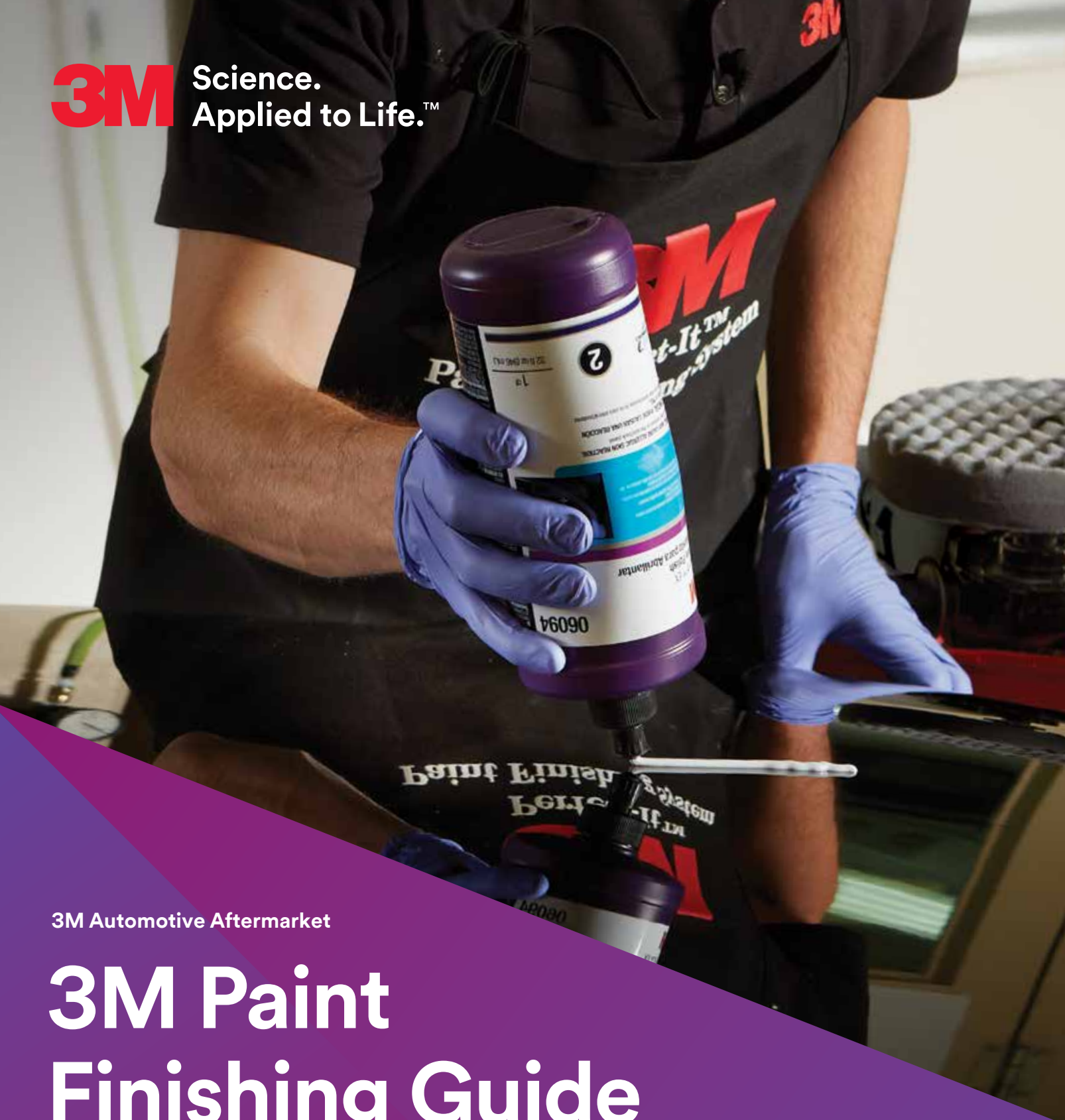


3M Science.
Applied to Life.™



3M Automotive Aftermarket

3M Paint Finishing Guide

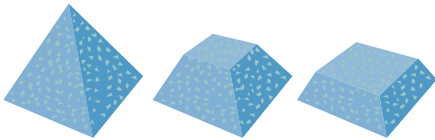
The path to a perfect finish.



Achieve a perfect finish with 3M’s best finishing systems.

3M™ Trizact™ Abrasives

3M™ Trizact™ Abrasives used in paint defect removal and refinement help reduce compounding and buffing time. They consist of precisely-shaped three-dimensional pyramids distributed uniformly over the surface of the disc. As these pyramids wear, fresh, sharp mineral is constantly exposed to the workpiece, resulting in faster, more consistent performance cutting throughout the life of the discs.



Tech Tips:

When removing dirt nibs or leveling excess clear coat, using a dry application abrasive, like the 3M™ Purple Finishing Film Hookit™ Disc, will allow you to see your work. Wet sanding is a messier process and requires additional time wiping dry to see if the defect is removed from the panel. Depending on the size of the defect, 3M recommends using grade P2000 Purple Finishing Film for the majority of applications. The cutting power is still there, but the finish is finer, saving you valuable process time. For heavy texture and large dirt nibs, grade P1500 Purple Finishing Film is still a viable option.

3M™ Perfect-It™ EX Finishing System

Use the 3M™ Perfect-It™ EX system for optimal performance every time. Unique formulas quickly remove scratches and other surface defects. Additional wet time with these products allow technicians to use less material and easy clean up helps reduce process time.

3M™ Perfect-It™ Quick Connect Pads are designed to provide you optimal performance when used with the Perfect-It™ EX system. Eliminate swirl marks on painted surfaces, even on difficult dark colored cars. The 3M™ Quick Connect Adaptor makes it easy to quickly switch between compound and polishing pads.



Using 3M™ Trizact™ Hookit™ Foam 3000 and 5000 Grade Discs will allow you to begin the polishing process with an abrasive. By using 3M™ Trizact™ Hookit™ Foam Discs you will be able to utilize 3M™ Perfect-it™ EX AC Rubbing Compound with a 3M™ Perfect-It™ Quick Connect White Foam Compounding Pad to quickly remove any sand scratches left behind. Using a foam compounding pad instead of a wool compounding pad will decrease your process time and reduce the amount of swirl comebacks. This is very important for dark colored vehicles. A wool compounding pad is more aggressive than foam and tends to leave a deeper swirl mark that the technician will need to remove later in the process. Abrasive polishing with 3M™ Trizact™ Hookit™ Foam 3000 and 5000 Grade Discs will reduce your buffing time and eliminate the need for a wool compounding pad, making the job easier and faster!

Paint defect removal and refinement.

Defect removal.

P1200/P1500/P2000 — Remove dirt nibs and level excess surface texture over large or small areas:

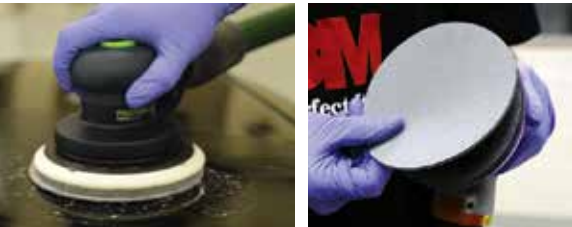


- Use dry to highlight surface defects
- Sand out highlighted defects and match surface texture

Product	Grade	For Large Areas		For Small Areas	
		Part No.	Size	Part No.	Size
3M™ Purple Finishing Film Hookit™ Disc	P1200	30668	6 in	30368	3 in
	P1500	30667	6 in	30367	3 in
	P2000	30666	6 in	30366	3 in
3M™ Trizact™ Hookit™ Clear Coat Sanding Disc	P1500	02088	6 in	02094	3 in
3M™ Paint Defect Removal Hand System Kit	Kit includes grades 1000, 1500, 2000, 2500, 3000			33888	—

Scratch refinement.

3000 — Refine the scratches left after defect removal to reduce compounding time:

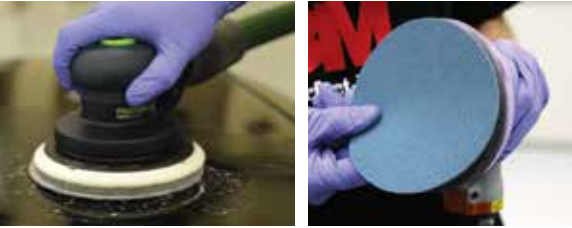


- Use to reduce compounding time
- Dampen disc and entire area to be sanded with a spray bottle of water
- To thoroughly remove previous scratches, go over each area 5 times

Product	Grade	For Large Areas		For Small Areas	
		Part No.	Size	Part No.	Size
3M™ Trizact™ Hookit™ Foam Disc	3000	02085	6 in	02087	3 in
Tech Tip		3M™ Trizact™ Hookit™ Foam Discs are designed to be used damp. Using too much water will cause the abrasive to hydroplane, reducing cut rate. Using too little water will rapidly load the abrasive.			

Additional scratch refinement. (Optional)

5000 — Reduce buffing time with further scratch refinement:



- Use to further reduce compounding time
- Dampen disc and entire area to be sanded with a spray bottle of water
- To thoroughly remove previous scratches, go over each area 5 times

Product	Grade	For Large Areas		For Small Areas	
		Part No.	Size	Part No.	Size
3M™ Trizact™ Hookit™ Foam Disc	5000	30662	6 in	30362	3 in
Tech Tip		Make sure to refine the 3M™ Trizact™ Hookit™ Foam 3000 Grade Disc area thoroughly with the 3M™ Trizact™ Hookit™ Foam 5000 Grade Disc. Use a north, south, east, west sanding pattern to ensure proper refinement.			

Finishing with 3M™ Perfect-It™ EX Finishing System.

1

Compounding

Remove sand scratches completely in the shortest amount of time:



- For fastest cut and less heat, use 3M™ Perfect-It™ EX AC Rubbing Compound and a 3M™ Perfect-It™ 100% Wool Compounding Pad
- To reduce lint and achieve a better finish, use 3M™ Perfect-It™ EX AC Rubbing Compound and a 3M™ Perfect-It™ Low Lint Compounding Pad
- Eliminate lint and achieve the finest finish by using 3M™ Perfect-It™ EX AC Rubbing Compound and a 3M™ Perfect-It™ Foam Compounding Pad

Product	Part No.	Description
3M™ Perfect-It™ EX AC Rubbing Compound	36058	1/2 Pint
	36060	Quart
	36061	Gallon
3M™ Perfect-It™ Compounding Pads*	33287	6 in, 100% Wool
	30040	4 in, Low Lint 100% Wool
	33288	6 in, Low Lint 100% Wool
	30041	4 in, White Foam
	33284	6 in, White Foam
	05753	9 in, 100% Wool
	33279	9 in, Low Lint 100% Wool
	05706	9 in, White Foam

Tech Tip

If during the scratch refinement process you used the 3M™ Trizact™ Hookit™ Foam 5000 Grade Disc, you can skip wool and go directly to the 3M™ Perfect-It™ Quick Connect White Foam Compounding Pad.

*Quick Connect, Double Sided

2

Polishing

Remove compound swirl marks:



- Quickly and effectively remove compound swirl marks and produce an outstanding finish by using 3M™ Perfect-It™ EX Machine Polish and a 3M™ Perfect-It™ Foam Polishing Pad

Product	Part No.	Description
3M™ Perfect-It™ EX Machine Polish	06093	1/2 Pint
	06094	Quart
	06095	Gallon
3M™ Perfect-It™ Polishing Pads*	30042	4 in, Grey Foam
	33285	6 in, Grey Foam
	05707	8 in, Grey Foam

Tech Tip

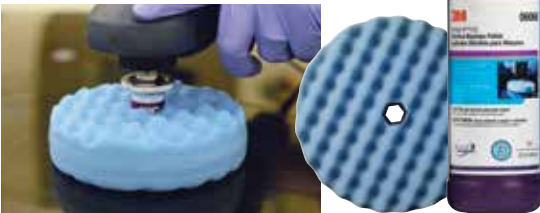
Our most advanced machine polish formulation allows for less material use per application.

*Quick Connect, Double Sided

3

Swirl Elimination

Permanently eliminate fine swirl marks (especially on dark colored cars):



- Eliminate fine swirl marks and produce a high gloss finish, even on the most difficult dark colored vehicles by using 3M™ Perfect-It™ EX Ultrafine Machine Polish and a 3M™ Perfect-It™ Foam Ultrafine Polishing Pad

Product	Part No.	Description
3M™ Perfect-It™ EX Ultrafine Machine Polish	06097	1/2 Pint
	39062	Pint
	06068	Quart
	06069	Gallon
3M™ Perfect-It™ Ultrafine Polishing Pads*	30043	4 in, Blue Ultrafine Foam
	33286	6 in, Blue Ultrafine Foam
	05708	8 in, Blue Ultrafine Foam

Tech Tip

When using 3M™ Perfect-It™ Ultrafine Machine Polish, do not buff dry. Make sure to wipe off excess material with a 3M™ Perfect-It™ Auto Detailing Cloth.

*Quick Connect, Double Sided

For Finishing Small Areas



3M™ Perfect-It™ 1 Finishing Material is a fast cutting finishing material designed to remove 5000 and finer scratches.

- Eliminate the use of traditional rubbing compounds
- Leaves a high gloss finish with minimum swirl marks

Product	Part No.	Description
3M™ Perfect-It™ 1 Finishing Material	36066	1/2 Pint
	36064	Quart
	36065	Gallon
3M™ Perfect-It™ 1 Finishing Pads**	30044	4 in, Teal Foam
	33292	6 in, Teal Foam
	33291	8 in, Teal Foam

Tech Tip

Use our 3M Perfect-It™ Quick Connect 6 inch pads for small areas and easier control.

**Use with 3M™ Perfect-It™ 1 Finishing Material

Accessories

Product	Part No.	Description	Product	Part No.	Description
	3M™ Hookit™ Clean Sanding Backup Pad	055516 in		3M™ Perfect-It™ Auto Detailing Cloth	0601612 in x 14 in Yellow
	3M™ Hookit™ Soft Interface Pad	057776 in		3M™ Perfect-It™ Auto Detailing Cloth	0602012 in x 14 in Blue
	3M™ Hookit™ Soft Interface Pad	057713 in		3M™ Hookit™ Clean Sanding Disc Pad Kit	204273 in x 1/2 in
	Festool Compressed Air Eccentric Sander LEX 3 150/5	299516 in5 mm Orbit		3M™ Perfect-It™ Cleaner Clay	38070200 g
	3M™ Random Orbital Pistol Grip Sander	283533 in1/8 in Orbit		3M™ Perfect-It™ Clean and Shine	0608416 oz
	3M™ Elite Series Mini Orbital Sander	287371–1/4 in		3M™ Inspection Spray*	06082Gallon
	Festool Rotary Polisher SHINEX RAP 150-14 FE	29940—		3M™ Conditioning Brush	05761Red
	3M™ Quick Connect Adaptor	057525/8 in Thread3327114 mm Thread		3M™ Perfect-It™ Buffing Apron	06059Black
	3M™ Perfect-It Paint Finishing Pad Kit	300454 in			

*Requires chemical safe spray bottle



3M™ Perfect-It™ EX Finishing System

The 3M™ Perfect-It™ EX Finishing System provides technicians with optimal performance every time. The easy clean up and high performance will reduce process time and provide the perfect finish. The additional wet time with these products allow technicians to use less material.

- EX AC is for “All Coatings” to complete the job
- Better finish, fast
- Stays wet longer, so you use less
- Easier to use and clean up



PN 06094

PN 36060

PN 06068