

**3M** Science.  
Applied to Life.™



3M Automotive Aftermarket

# 3M Paint Finishing Guide

The path to a perfect finish.

# Achieve a perfect finish with the 3M top tier 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 structures distributed uniformly over the substrate. As these structures wear, fresh, sharp mineral is constantly exposed to the workpiece, resulting in faster, more consistent performance cutting throughout the life of the discs.



## 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 complement the Perfect-It™ EX system and help 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.



## 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.

Using 3M™ Trizact™ Hookit™ Foam 3000 and 5000 Grade Discs will allow you to begin the polishing process with an abrasive. 3M™ Trizact™ Hookit™ Foam Discs begin the polishing process before you even touch the polisher. Since this is the case, the user will be able to utilize 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 swirls and dieback/comeback. This is very important for dark colored vehicles. A wool compounding pad is more aggressive than foam and tends to leave a deeper swirl marks that the technician will need to remove later in the process. Abrasive polishing with 3M™ Trizact™ Hookit™ Foam 3000 and 5000 Grade Discs will 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:



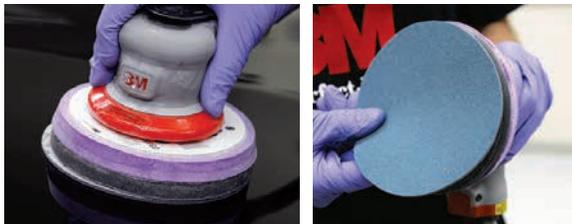
- Use to reduce compounding time
- Dampen disc and entire area to be sanded
- To thoroughly remove previous scratches, go over each area 5 times

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
- 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 a 3M™ Perfect-It™ 100% Wool Compounding Pad
- To reduce lint and achieve a better finish, use a 3M™ Perfect-It™ Low Lint Compounding Pad
- Eliminate lint and achieve the finest finish by using a 3M™ Perfect-It™ Foam Compounding Pad

Product	Part No.	Description
3M™ Perfect-It™ EX Rubbing Compound	36058	1/2 Pint
	36060	Quart
	36061	Gallon
3M™ Perfect-It™ Compounding Pads*	33287	6 in, 100% Wool
	33288	6 in, Low Lint 100% Wool
	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

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## Polishing

Remove compound swirl marks:



- Quickly and effectively removes compound swirl marks and produces an outstanding finish
- Stays wet longer, so you can use less
- Easier to use and clean up

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

### Tech Tip

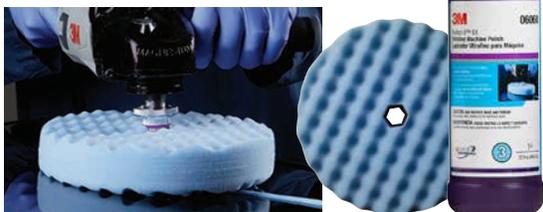
Our most advanced machine polish formulation allows for less material use per application.

\*Quick Connect, Double Sided

3

## Swirl Elimination

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



- Eliminates fine swirl marks and produces a high gloss finish, even on the most difficult dark colored vehicles
- Great handling
- Easy clean up

Product	Part No.	Description
3M™ Perfect-It™ Ultrafine Machine Polish	06097	1/2 Pint
	39062	Pint
	06068	Quart
	06069	Gallon
3M™ Perfect-It™ Ultrafine Polishing Pads*	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™ III 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**	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

For a full list of available 3M Paint Finishing products, visit [3MCollision.com/PaintFinishing](http://3MCollision.com/PaintFinishing)

## Accessories



Product	Part No.	Description
3M™ Hookit™ Clean Sanding Backup Pad	05551	6 in
3M™ Hookit™ Soft Interface Pad	05777	6 in
3M™ Hookit™ Soft Interface Pad	05771	3 in
3M™ Random Orbital Sander Elite Series	28703	6 in 3/16 in Orbit
3M™ Random Orbital Pistol Grip Sander	28353	3 in 1/8 in Orbit
3M™ Elite Series Mini Orbital Sander	28737	1-1/4 in
3M™ Electric Variable Speed Polisher	28391	NA
3M™ Quick Connect Adaptor	05752	5/8 in Thread



Product	Part No.	Description
3M™ Perfect-It™ Auto Detailing Cloth	06016	12 in x 14 in Yellow
3M™ Perfect-It™ Auto Detailing Cloth	06020	12 in x 14 in Blue
3M™ Hookit™ Clean Sanding Disc Pad Kit	20427	3 in x 1/2 in
3M™ Perfect-It™ Cleaner Clay	38070	200 g
3M™ Perfect-It™ Clean and Shine	06084	16 oz
3M™ Inspection Spray*	06082	Gallon
3M™ Conditioning Brush	05761	Red
3M™ Perfect-It™ Buffing Apron	06059	Black

\*Requires chemical safe spray bottle

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**3M™ Perfect-It™ EX System:**

The 3M™ Perfect-It™ EX System will provide 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.

**3M™ Perfect-It™ EX System:**

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# Introducing 3M™ Perfect-It™ EX Machine Polish

Now part of the 3M™ Perfect-It™ EX Finishing System

- Better finish, fast
- Stays wet longer, so you use less
- Easier to use and clean up

Learn more at  
[3MCollision.com/EX-Machine-Polish](http://3MCollision.com/EX-Machine-Polish)



PN 36060

PN 06094



# Presentando el Lustrador Para Máquina Perfect-It™ EX de 3M™

Ahora parte del Sistema de Acabado Perfect-It™ EX de 3M™

- Mejor acabado, rápido
- Se mantiene mojado por más tiempo, entonces usted usa menos
- Más fácil de utilizar y limpiar

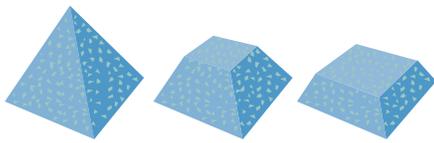
Aprenda más en  
[3MCollision.com/es/EX-Machine-Polish](https://3Mcollision.com/es/EX-Machine-Polish)

PN 06068

# Achieve a perfect finish with the 3M top tier finishing systems.

## 3M™ Trizact™ Abrasives

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## Tech Tips:

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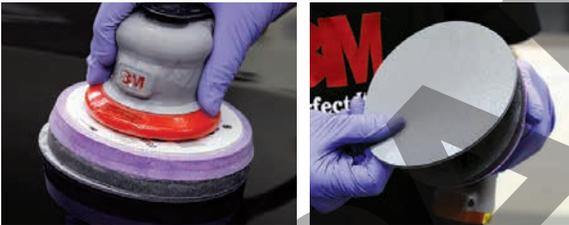


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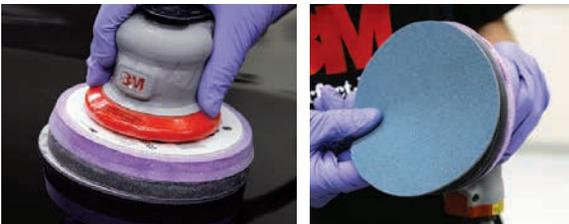
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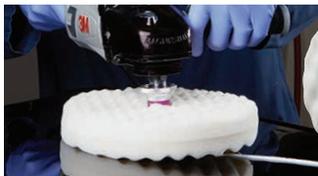
Make sure to refine the 3M™ Trizact™ Hookit™ Foam 3000 Grade Disc area thoroughly with the 3M™ Trizact™ Hookit™ Foam 5000 Grade Disc. Use a north, south, east, west sanding pattern to ensure proper refinement.

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

1

## Compounding

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### Tech Tip

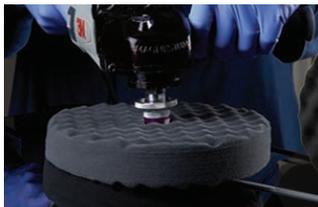
If during the scratch refinement process you used the 3M™ Trizact™ Hookit™ Foam 5000 Grade Disc, you can skip wool and go directly to the 3M™ Perfect-It™ Quick Connect White Foam Compounding Pad.

\*Quick Connect, Double Sided

2

## Polishing

Remove compound swirl marks:



- Quickly and effectively removes compound swirl marks and produces an outstanding finish
- Stays wet longer, so you can use less
- Easier to use and clean up

Product	Part No.	Description
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### Tech Tip

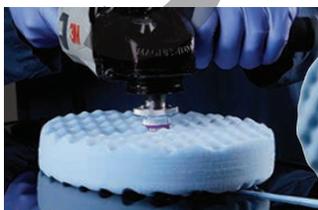
Our most advanced machine polish formulation allows for less material use per application.

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3

## Swirl Elimination

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



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	06068	Quart
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	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™ III 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**	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

For a full list of available 3M Paint Finishing products, visit [3MCollision.com/PaintFinishing](http://3MCollision.com/PaintFinishing)

## Accessories

Product	Part No.	Description	Product	Part No.	Description
	05551	6 in		06016	12 in x 14 in Yellow
	05777	6 in		06020	12 in x 14 in Blue
	05771	3 in		20427	3 in x 1/2 in
	28703	6 in 3/16 in Orbit		38070	200 g
	28353	3 in 1/8 in Orbit		06084	16 oz
	28737	1-1/4 in		06082	Gallon
	28391	NA		05761	Red
	05752	5/8 in Thread		06059	Black

\*Requires chemical safe spray bottle

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