

3M™ Trizact™ Finesse-it™  
Paint Defect Repair System

# Showroom Perfect

- The fast, two-step way to eliminate minor clearcoat defects
- Leaves no swirls or scratch marks



**3M**

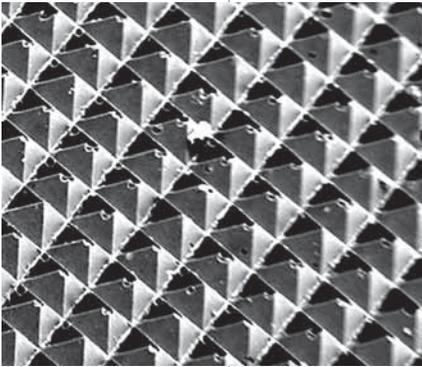
# Now you're just two steps away from a defect-free finish!

## The professional's choice for repairing automotive finishes

- Removes small defects in two easy steps
- Saves repair costs
- Reduces labor costs; improves productivity
- Provides a permanent repair to help maintain your reputation for quality

The 3M™ Trizact™ Finesse-it™ Paint Defect Repair System gives you a faster, easier way to make high-quality repairs of minor clearcoat defects, such as dust and minor scratches.

The Finesse-it system uses advanced 3M abrasive technology to quickly remove imperfections and polish out fine sanding scratches in just two simple steps – making conventional 3 and 4-step repair methods obsolete.



The precisely-microreplicated 3D surface of Trizact™ Finesse-it™ Film 466LA is clearly visible under magnification.

## Precision finishing – by design

The secret of the fast, fine and predictable finish of the Finesse-it system lies in the unique construction of the 3M™ Trizact™ Finesse-it™ Film Disc 466LA.

Using patented 3M microreplication technology, micron-graded silicon carbide particles are formed into tiny pyramids of abrasive mineral, then coated on a non-compressible polyester backing. As these pyramids wear, fresh, sharp mineral is continually exposed to give you a consistent cut and a predictable, fine finish.

In addition to high-performance abrasives, 3M microreplication technology is also used in the manufacture of a variety of 3M products such as overhead projector lenses, reflective traffic signs and solar optical films.

## Recommended Combination Examples

Step 1 Abrasive Grade	Step 2 Polish Grade	Advantages	Comments/Benefits
A3	UF	Finest abrasive finish; produces a haze-free repair.	Produces fine finishes on all clear coats.
A5	EF	Good abrasive cut with an acceptable finish for standard clearcoats.	Works best for standard clearcoat systems. Most commonly used at automotive OEM customers.
A7	P	Most aggressive abrasive and polish.	Works best for easy-to-repair clearcoats.

For recommendations on what combinations of abrasives and polishes work best for your paint system and process, please contact your local 3M AMP representative at 866-279-1235.

Fix it  
Faster

## Step 1 Sanding



### Sanding tips & techniques

- Use water as a lubricant during sanding. Spray the abrasive disc with water before and after sanding each spot to keep the disc clean and extend its life. Make sure the backup pad is dry when replacing the disc.
- Sand in a small circular motion with the pad flat against the surface.
- Avoid over-sanding. Use a light feathering technique. Keep the sanded area as small as possible.
- Use extra caution to prevent over sanding when machine sanding near the edges of panels, which are less flexible and typically have thinner coatings. If preferred, these areas can be hand-sanded.

### 3M™ Trizact™ Finesse-it™ Film 466LA Product Selection Guideline



Trizact film discs are available in three grades, for use on a variety of topcoats and to accommodate most finish and process requirements.

### Before you start...

The 3M™ Trizact™ Finesse-it™ Paint Repair System is not appropriate for all paint defect repair applications. For recommendations on how to repair larger areas, contact 3M Technical Service at 866-279-1235.

For successful results, make sure:

- The defect is minor – such as dirt, lint or small craters
- The area needing repair is small
- The paint surface has little or no orange peel

### Machine sanding

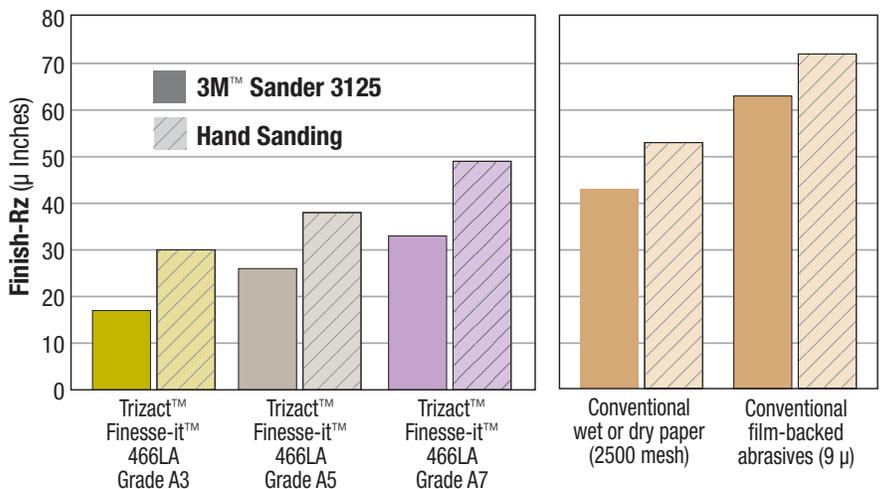
- Level/remove the defect using the 3M™ Nib Removal Sander 3125 or the new 3M™ Mini Random Orbital Nib Sander and a 3M™ Trizact™ Finesse-it™ Disc 466LA.
- Spray the 466LA film disc with water to prevent the abrasive from loading during sanding.
- Sand the defect for 1 to 3 seconds, depending on its size.
- Wipe the area clean with a Scotch-Brite™ High Performance Cloth.



NEW! 3M™ Mini Random Orbital Nib Sander

### Hand sanding

- Level/remove the defect using a 3M™ Finesse-it™ Hand Pad and a 3M™ Trizact™ Finesse-it™ Disc 466LA.
- Spray the 466LA disc with water to prevent the abrasive from loading during sanding.
- Sand the defect for 3 to 5 seconds, depending on its size.
- Wipe the area clean with a Scotch-Brite™ High Performance Cloth.



Compared to paper and film-backed abrasives, Trizact™ Finesse-it™ Film 466LA produces finer finishes.

## Step 2 Polishing



### Polishing tips & techniques

- Start the tool on the work surface. Do not “free spin” the tool. The buffer air line pressure needs to be set at 80 to 85 psi while the tool is running.
- Polish with a downward force not to exceed 5 lbs (the tool weighs 3 lbs). This is enough force to compress the peaks of the foam pad.
- Keep the buffing pad flat. Do not tip it on edge.
- If polish is being slung outside of the repair area, either too much polish is being used or not enough downward force is being applied. Reduce the amount of polish being applied or slightly increase the downward force being applied.
- Stop the tool before removing it from the work surface. Do not “free spin” the pad.



### Preconditioning

The buff pad only needs to be conditioned when it is new.

To condition the buff pad, apply “chocolate chip”-sized drops of the appropriate polish to the valleys on the buff pad. After the polish has been applied to the buff pad, fold the pad in half and apply pressure. Open the pad and rotate 90°, then fold buff pad in half again and apply pressure.



### Polishing

- Apply a small drop of a 3M™ Finesse-it™ Polish on the sanded area. Spread the polish evenly over the spot using the buffing pad, without running the buffer.
- Use the 3M™ Buffer 8125 and a 3M™ Finesse-it™ Buffing Pad.
- Polish for 8 to 12 seconds.
- Wipe the area clean with a Scotch-Brite™ High Performance Cloth.

### 3M™ Finesse-it™ Polishes Product Selection Guideline

UF = Ultra Fine  
 EF = Extra Fine  
 FF = Final Finish  
 P = Purple  
 FM = Finishing Material

	Finer → Fine				
Finish	UF	EF	FF	P	FM
Cut	FM	P	EF	FF	UF
	Faster → Fast				



# 3M™ Trizact™ Finesse-it™ Paint Repair System Components

Application	Product Category	Product Name	Description	Color	Size	Product ID	UPC Number	Quantity	Picture	
Step 1 Sanding	Abrasives	3M™ Trizact™ Finesse-it™ Film Discs 466LA	Grade A3	Lt. Green	1-1/4" diameter	466LA	051141-20515-1	4 rolls/case (500 discs/roll)		
					1-3/8" scalloped		051141-20514-4			
			Grade A5	Gray	1-1/4" diameter		051111-56251-2			
					1-3/8" scalloped		051111-61637-6			
			Grade A7	Purple	1-1/4" diameter		051111-56288-8			
				1-3/8" scalloped		051111-56285-7				
Machine Sanding	Accessories	3M™ Finesse-it™ Disc Pad*	Soft – for 3M™ Sander 3125	Blue (vinyl face)	1-1/4" diameter	3125P	051111-60537-0	10 pads/case		
		3M™ Finesse-it™ Disc Pad*	Hard – for 3M™ Sander 3125	Blue (vinyl face)	1-1/4" diameter	3125H	051111-20207-5	10 pads/case		
		3M™ Dual Lock™ Rubber Skirt	Dual Lock™ - for 3M™ Sander 3125 Used with PN 20247	N/A	1-1/4" diameter	20246	00-051141-20246-4	10 skirts/case		
		3M™ Dual Lock™ PSA Soft Disc Pad	PSA Soft Disc-for 3M™ Sander 3125 Used with PN 20246	Blue (vinyl face)	1-1/4" diameter	20247	00-051141-20247-1	20 pads/case (10 pads/inner)		
		3M™ Finesse-it™ Roloc™ Sanding Pad	Back Up Pad for 3M™ Mini ROS	Blue (vinyl face)	1-1/4" diameter	02345	051111-50198-6	20 pads/case		
	Tools	3M™ Nib Removal Sander 3125	Sanding tools for 466LA Discs	Red	1-1/4" diameter	03125	051111-60536-3	1 tool/case		
		3M™ Mini Random Orbital Nib Sander		Red		20244	051141-20244-0	1 tool/case		
Hand Sanding		3M™ Finesse-it™ Hand Sanding Pad	Standard	Red	1-1/4" diameter	50199	051111-50199-3	20 pads/case		
			Contoured	Red		70437	051135-92499-0			
Step 2 Polishing	Polishes	3M™ Finesse-it™ Polish - Ultra Fine	UF (Ultra Fine)	White	1 gallon	61084	051111-61084-8	4 bottles/case		
		3M™ Finesse-it™ Polish - Extra Fine	EF (Extra Fine)	White	1 gallon	06002	051131-06002-9	4 bottles/case		
		3M™ Finesse-it™ Final Finish	FF (Final Finish)	Gray	1 liter	82877	051144-82877-7	12 bottles/case		
					1 gallon	82878	051144-82878-4	4 bottles/case		
		3M™ Finesse-it™ Polish - Purple	P (Purple)	Purple	1 gallon	51056	051111-51157-2	4 bottles/case		
		3M™ Finesse-it™ Finishing Material	FM (Finishing Material)	White	1 liter	81235	051144-81235-6	12 bottles/case		
	1 gallon				13084	051144-13084-9	4 bottles/case			
	Accessories	3M™ Finesse-it™ Foam Buffing Pad	Standard, General use	Orange	3-1/4" diameter	02648	051111-51151-0	50 pads/case (10 pads/inner)		
					For use on contours	3-3/4" diameter	02637			051111-51158-9
					Standard, General use	5-1/4" diameter	02362			051111-51076-6
			Produce a finer finish	White	3" diameter	01963	051111-60799-2			
		5-1/4" diameter			01962	051135-92500-3				
		3M™ Hookit™ Disc Pad	Back up Pad for 3M™ Finesse-it™ Foam Buffing Pad	Yellow	3" diameter	02700	051111-55764-8	5 pads/case (1 pad/inner)		
		3M™ Hookit™ Dust-Free Low Profile Finishing Disc Pad	With vacuum grooves	Beige	5-1/4" diameter with vacuum grooves	84226	051111-51042-1	10 pads/case		
Tools	3M™ Buffer	Tool for 3M™ Finesse-it™ Foam Buffing Pad	Red & Yellow	Use with 3" diameter disc pad	8125	051141-20277-8	1 tool/case			
Cleaning Cloth	Scotch-Brite™ High Performance Cleaning Cloth	N/A	White	N/A	0201	048011-26224-1	50 cloths/case			

\* Loop material on one side, vinyl on other. Use with PSA discs on 3M Sander 3125.

# 3M™ Trizact™ Finesse-it™ Paint Defect Repair System



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

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