

3M Science.
Applied to Life.™



The Path to a Perfect Finish

A guide to our most advanced
line of gelcoat and paint
refinishing products.

Choosing the right product makes a big difference.

Success or failure can occur long before your pad hits the surface. It starts with choosing the right product for each surface, whether the surface is painted or gelcoat. The choice is crucial because painted and gelcoat surfaces have different chemical compositions. Compounds and polishes that work well for one surface aren't necessarily the best choice for the other.

To help you choose which compounds and polishes to use, 3M™ created product lines specifically for gelcoat surfaces and painted surfaces.

With the right system your finish will be:

- Faster
- Glossier
- Swirl Free



Gelcoat Finishing System
Pages 3 – 7



Paint Finishing System
Pages 8 – 11



When you need a perfect gelcoat finish, you want 3M's best system.

Introducing our newest line of gelcoat products, formulated specifically to make it easier to achieve a perfect gelcoat finish – every time. Our increased wet time and less mess brings you incredible results, even in warm climates.

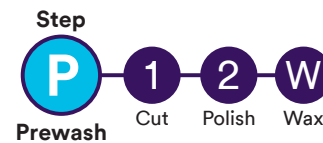
From buffing professionals to vehicle owners, the 3M™ Perfect-It™ Gelcoat Finishing line of products works great on boats, RVs, and industrial gelcoat surfaces – new and used alike. In addition, these products now include a step-by-step process to help achieve dependable finishes every time, regardless of one-, two-, or three-step processes. And, the color-coded bottles allow for easy reference in the shop or on the dock.

Gelcoat Finishing System



3M™ Perfect-It™ Boat Wash

It's vital to start any refinishing project with a clean surface. Our 3M™ Perfect-It™ Boat Wash cleans grime, algae, dirt, and other common marine contaminants from stem to stern. This Prep-Step allows for superior refinishing results. And as a professional concentrate, you only need one ounce per gallon. 3M™ Perfect-it™ Boat Wash's high-sudsing formula is also gentle enough to clean without stripping wax.



Part No.	Description
09034	Pint (16 fl oz)
09035	Quart (32 fl oz)

3M™ Perfect-It™ Boat Wax

Refinishing any surface takes effort and your effort deserves long lasting protection. Our 3M™ Perfect-It™ Boat Wax keeps all sorts of surfaces looking great. It's safe for gelcoat, paint, fiberglass, and metals and has a pleasant tropical scent. The pure wax finish protects against the elements. Use 3M™ Perfect-It™ Boat Wax as a final step to any process where a wax finish is recommended.



Part No.	Description
36112	Pint (16 fl oz)
36113	Quart (32 fl oz)

3M™ Perfect-It™ Gelcoat Heavy Cutting Compound

This fast-cutting compound removes heavy oxidation, scratches, and other defects. Use 3M™ Perfect-It™ Gelcoat Heavy Cutting Compound for any P800 and finer scratches. Its improved formula has longer wet times for easier clean up and less dust. Plus, this formula works better in warm climates and allows you to use less material than before.

3M™ Perfect-It™ Gelcoat Heavy Cutting Compound works great on boats, RVs, and industrial gelcoats. While ideal for three-step processes, its high gloss results can be protected with 3M™ Perfect-It™ Boat Wax after compounding for an easy two-step finish.

Part No.	Description	Part No.	Description
36101	Pint (16 fl oz)	36103	Gallon (122 fl oz)
36102	Quart (32 fl oz)	36104	5 Gallon (640 fl oz)

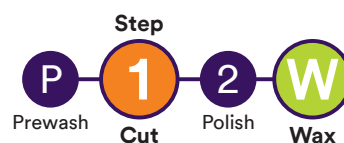


3M™ Perfect-It™ Gelcoat Medium Cutting Compound + Wax (One-Step)

3M™ Perfect-It™ Gelcoat Medium Cutting Compound + Wax combines fast cutting power, a high gloss finish, and durable wax protection. Use this for any P1000 and finer scratches. Its improved formula has longer wet times for easier clean up and less dust, even in warm climates.

3M™ Perfect-It™ Gelcoat Medium Cutting Compound + Wax works great on boats, RVs, and industrial gelcoats. This one-step solution results in a brilliant finish and long-lasting protection for any of your gelcoat surfaces.

Part No.	Description	Part No.	Description
36105	Pint (16 fl oz)	36107	Gallon (122 fl oz)
36106	Quart (32 fl oz)		



3M™ Perfect-It™ Gelcoat Light Cutting Polish + Wax (One-Step)

When a brilliant finish and durable protection are needed for P1500 and finer scratches, 3M™ Perfect-It™ Gelcoat Light Cutting Polish + Wax is the perfect solution for light or dark colored gelcoat. We've improved the formula with longer wet times offering easier clean up, less dust, and more efficient use, even in warm climates.

Specifically formulated for boats, RVs, and industrial gelcoats, this polish is ideal for one-step processes. Use whenever you want a durable wax finish.

Part No.	Description	Part No.	Description
36109	Pint (16 fl oz)	36111	Gallon (122 fl oz)
36110	Quart (32 fl oz)		



Gelcoat Finishing – Professional Refinishing

Step

1



Cleaning

Clean the gelcoat surface to be repaired with 3M™ Perfect-it™ Boat Wash.

Step

2



Sanding

Sand gelcoat surface with 800 grit abrasive on a dual action sander. Set the speed of the dual action sander at 900 – 1100 Max. RPM. When sanding, abrade the surface with a 50% overlap on each pass with a dual action sander. Remember to use a soft interface pad when sanding with the 800 grit abrasive.

Step

3



Sand Scratch Refinement

Refine the 800 grit sand scratch with a 1500 grit sandpaper. Use the 1500 grit sandpaper with a dual action sander running the sander at a speed of 900 – 1100 Max. RPM. When sanding, use a 50% overlap with each pass of the sander. Remember to use a soft interface pad with the 1500 grit abrasive when sanding.

Step

4



Buffing

Buff the 1500 grit sand scratch with 3M™ Perfect-It™ Gelcoat Heavy Cutting Compound and a white wool buffing pad. Set the buffer speed between 1200 – 2000 Max. RPM.

Step

5



Polishing (Optional)

Polish the repair area with 3M™ Finesse-It™ II Glaze and with a yellow wool buffing pad. Set the buffer speed between 1200 – 2000 Max. RPM.

If desired, polishing and protection (step 6) steps can be combined using 3M™ Perfect-It™ Gelcoat Light Cutting Polish + Wax with a yellow wool buffing pad. Set the buffer speed between 1200 – 2000 Max. RPM.

Step

6



Protection

Apply 3M™ Perfect-It™ Boat Wax to protect the surface. When applying wax, apply in a 2' x 2' area and wipe area clean before the wax dries. Do not allow the wax to dry or haze on the gelcoat.

Product List

- 3M™ Perfect-It™ Boat Wash, 09035, Quart
- 3M™ Purple Finishing Film Hookit™ Disc, 30670, 6 in., P800 grit
- 3M™ Trizact™ Hookit™ Clear Coat Sanding Disc, 02088, 6 in., P1500 grit
- 3M™ Hookit™ Soft Interface Pad, 05777, 6 in. x 1/2 in. x 3/4 in.
- 3M™ Perfect-It™ Gelcoat Heavy Cutting Compound, 36102, Quart
- 3M™ Perfect-It™ 100% Wool Compounding Pad, 05753, Double Sided, Quick Connect
- 3M™ Quick Connect Adaptor, 05752, 5/8 in. thread
- 3M™ Finesse-It™ II Glaze, 35928, Quart
- 3M™ Perfect-It™ Wool Polishing Pad, 05754, 9 in.
- 3M™ Perfect-It™ Gelcoat Light Cutting Polish + Wax, 36110, Quart
- 3M™ Perfect-It™ Boat Wax, 36113, Quart
- 3M™ Perfect-It™ Detailing Cloth, 06016



Gelcoat Finishing – Heavy Oxidation

Step

1



Cleaning

Clean the surface that you will be working on with 3M™ Perfect-It™ Boat Wash.

Step

2



Sanding (Optional)

Depending on the condition of the gelcoat, hand sanding prior to buffing may be necessary. If so, wet sand the gelcoat surface with an Ultrafine Softback Sanding Sponge to remove surface oxidation. Apply medium pressure when sanding the oxidized gelcoat surface.

Step

3



Buffing

To remove sand scratches, buff the sanded gelcoat area with 3M™ Perfect-It™ Gelcoat Medium Cutting Compound + Wax and a white wool buffing pad. Set the buffer speed between 1200 – 2000 Max. RPM.

Product List

- 3M™ Perfect-It™ Boat Wash, 09035, Quart
- 3M™ Softback Sanding Sponge, 02600, 4 1/2 in. x 5 1/2 in., Microfine
- 3M™ Perfect-It™ Gelcoat Medium Cutting Compound + Wax, 36106, Quart
- 3M™ Perfect-It™ 100% Wool Compounding Pad, 05753, Double Sided, Quick Connect
- 3M™ Quick Connect Adaptor, 05752, 5/8 in. thread



Gelcoat Finishing – Light Oxidation

Step

1



Cleaning

Clean the surface that you will be working on with 3M™ Perfect-It™ Boat Wash.

Step

2



Oxidation Removal

Apply 3M™ Perfect-It™ Gelcoat Light Cutting Polish + Wax using a microfiber detail cloth to a 2' x 2' area. Wipe the surface clean and inspect to ensure that you have removed all surface oxidation. Re-apply and re-work as necessary to remove all surface oxidation on the gelcoat.

If desired, 3M™ Perfect-It™ Gelcoat Light Cutting Polish + Wax can also be used with a buffer, with the buffer speed set between 1200 – 2000 Max. RPM.

Product List

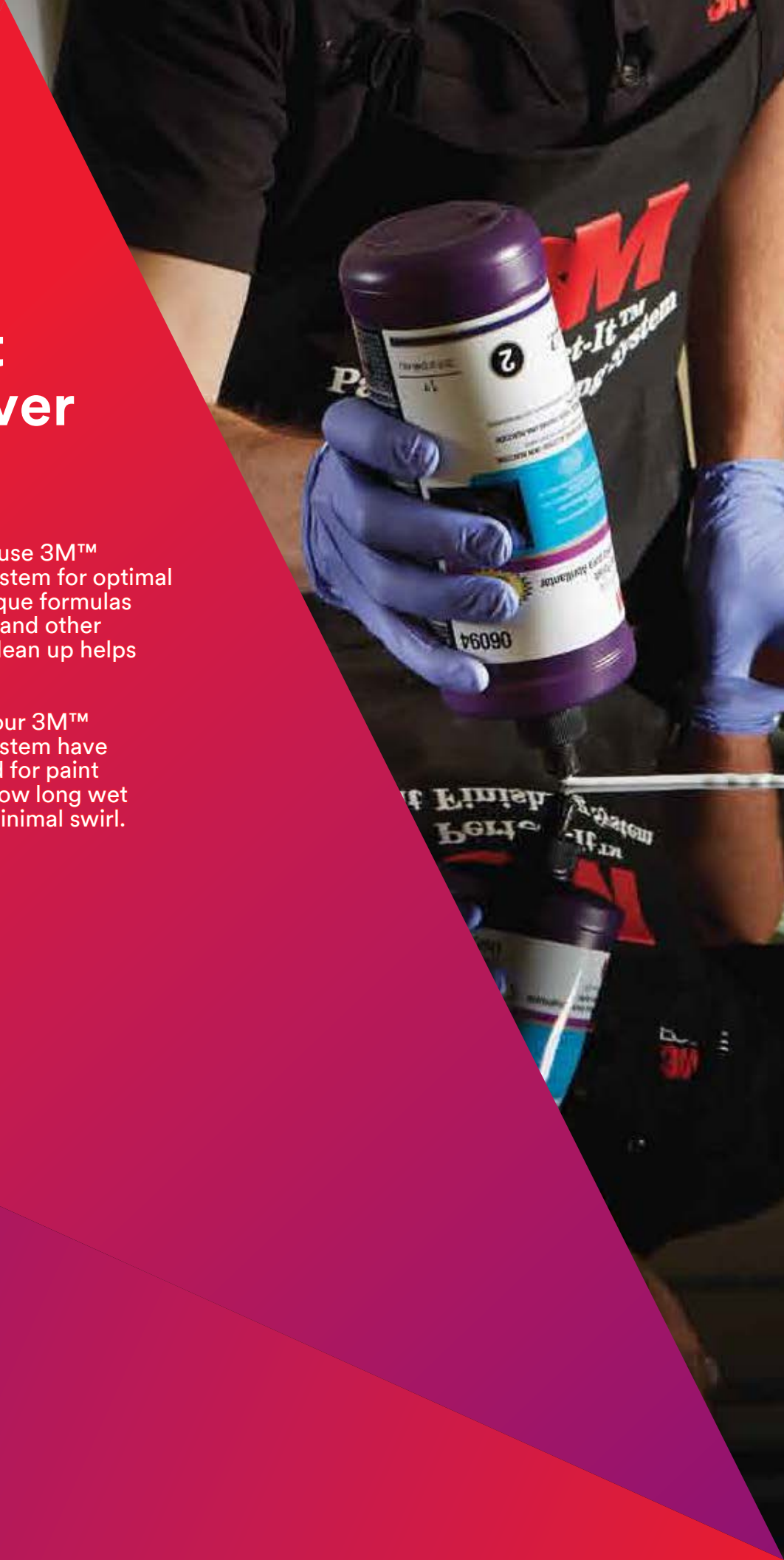
- 3M™ Perfect-It™ Boat Wash, 09035, Quart
- 3M™ Perfect-It™ Gelcoat Light Cutting Polish + Wax, 36110, Quart
- 3M™ Perfect-It™ Detailing Cloth, 06016



Achieving a perfect paint finish has never been easier.

When you need the best results, use 3M™ Perfect-It™ EX Paint Finishing System for optimal performance every time. The unique formulas quickly remove scratches, swirls and other surface defects. Plus their easy clean up helps reduce process time.

The compounds and polishes in our 3M™ Perfect-It™ EX Paint Finishing System have chemicals specifically formulated for paint oxidation and were created to allow long wet times on painted surfaces with minimal swirl.



3M™ Perfect-It™ EX Rubbing Compound

This unique formula offers the highest level of performance; specifically engineered for less sling and powdering providing you the easiest clean up. 3M™ Perfect-It™ EX Rubbing Compound quickly removes P1200 grade and finer sand scratches and other surface defects. It's our best rubbing compound for painted surfaces. With very smooth handling. It performs better than other compounds in all climates, especially hot and humid conditions.



Part No.	Description	Part No.	Description
36058	1/2 Pint (8 fl oz)	36061	Gallon (122 fl oz)
36060	Quart (32 fl oz)		

3M™ Perfect-It™ EX Machine Polish

We've combined innovative ingredients with our high-performance liquid mineral technology to create a machine polish that cuts, handles, and cleans up better. 3M™ Perfect-It™ EX Machine Polish stays wetter longer, delivering a longer work time and less sling. It wipes up easily, saving you clean up time.



Part No.	Description	Part No.	Description
06093	1/2 Pint (8 fl oz)	06095	Gallon (122 fl oz)
06094	Quart (32 fl oz)		

3M™ Perfect-It™ EX Ultrafine Machine Polish

Our high-performance ultrafine machine polish has a unique formula to quickly and effectively eliminate swirl marks. It produces a high gloss finish, even on the most difficult dark-colored vehicles. It has good handling and easy cleanup allowing you to use less.



Part No.	Description	Part No.	Description
06097	1/2 Pint (8 fl oz)	06068	Quart (32 fl oz)
39062	Pint (16 fl oz)	06069	Gallon (122 fl oz)

Visit 3MMarine.com/buffing for more detailed product selection help.

Paint Finishing — Large Area

Step

1



Initial Defect Removal Texture Match

DA sand the repair area with a P1500 3M™ Trizact™ Clear Coat Sanding Disc used damp or a P1500 3M™ Purple Finishing Film Hookit™ Disc. Remove all defects and match texture to adjacent surfaces. Wipe surface clean with a yellow microfiber cloth.

Step

2



Scratch Refinement

Refine the P1500 scratches with a DA and a P3000 3M™ Trizact™ Foam Disc used damp with a soft interface pad. Wipe surface clean with a yellow microfiber cloth.

Refine the P3000 scratches with a DA and a 5000 3M™ Trizact™ Foam Disc used damp with a soft interface pad. Wipe panel clean.

Step

3



Compound

Compound the repair area with a buffer set between 1200 – 2000 Max. RPM. For faster results, use a wool compounding pad and the appropriate rubbing compound. Wipe surface clean with a yellow microfiber cloth.

Step

4



Machine Polish

Polish the repair area with a buffer set between 1200 – 2000 Max. RPM. Use a black foam polishing pad and the appropriate machine polish. Wipe surface clean with a yellow microfiber cloth.

Step

5



Ultrafine Machine Polish

Polish the repair area with a high speed polisher with the speed set between 1200 – 2000 Max. RPM. Use a blue foam polishing pad and the appropriate ultrafine machine polish. Leave a light film of the polish on the surface and wipe clean with a microfiber cloth. Remove any masking material from the repair area and clean any residual sling from adjacent surfaces. Cleaning the surface immediately after compounding and polishing will greatly improve the ease of cleaning.

Step

6



Protection

Apply 3M™ Perfect-It™ Boat Wax to protect the surface. When applying wax, apply in a 2' x 2' area and wipe area clean before the wax dries. Do not allow wax to haze or dry on the painted surface.

Product List

- 3M™ Trizact™ Hookit™ Clear Coat Sanding Disc, 02088, P1500, 6 in.



- 3M™ Purple Finishing Film Hookit™ Disc, 30667, P1500, 6 in.



- 3M™ Perfect-It™ Detail Cloth, 06016, 6 cloths/bag



- 3M™ Trizact™ Hookit™ Foam Disc, 02085, P3000, 6 in.



- 3M™ Hookit™ Soft Interface Pad, 05777, 6 in.



- 3M™ Trizact™ Hookit™ Foam Disc, 30362, 5000, 3 in.



- 3M™ Perfect-It™ EX Rubbing Compound, 36060, Quart (946mL)



- 3M™ Perfect-It™ Wool Compounding Pad, 05753, 9 in.



- 3M™ Quick Connect Adaptor, 05752, 5/8 in. thread



- 3M™ Perfect-It™ Foam Compounding Pad, 05706, 9 in.



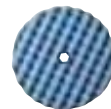
- 3M™ Perfect-It™ Foam Polishing Pad, 05707, 9 in.



- 3M™ Perfect-It™ EX Machine Polish, 06094, Quart (946mL)



- 3M™ Perfect-It™ Ultrafine Foam Polishing Pad, 05708, 9 in.



- 3M™ Perfect-It™ EX Ultrafine Machine Polish, 06068, Quart (946mL)



- 3M™ Perfect-It™ Boat Wax, 36113, Quart



Paint Finishing — Small Area

Step
1



Initial Defect Removal Texture Match

DA sand the repair area with a 3 in. P1500 Finishing Film Discs, removing all paint defects. Wipe the surface clean with a yellow microfiber cloth. When using Trizact™ Abrasives, use a light mist of water while sanding to avoid clogging of the disc. Remember to use the 3 in. soft interface pad with the P1500 grit abrasive.

Step
2



Scratch Refinement

Refine the P1500 scratches with a DA and a 3 in. P3000 3M™ Trizact™ Foam Disc used damp with a soft interface pad. Wipe the surface clean with a yellow microfiber cloth.

Refine the P3000 scratches with a DA and a 5000 3M™ Trizact™ Foam Disc used damp with a soft interface pad. Wipe panel clean.

Step
3



Compound

Compound the repair area with a 3 in. polisher. Use a 3 in. foam or wool compounding pad and the appropriate rubbing compound. Wipe the surface clean with a yellow microfiber cloth.

Step
4



Machine Polish

Polish the repair area with a 3 in. polisher. Use a 3 in. black foam polishing pad and the appropriate machine polish. Wipe the surface clean with a yellow microfiber cloth.

Step
5



Ultrafine Machine Polish

Polish the repair area with a 3 in. polisher. Use a 3 in. blue foam polishing pad and ultrafine machine polish. Leave a light film of polish on the surface and wipe the surface clean with a microfiber cloth.

Step
6



Protection

Apply 3M™ Perfect-It™ Boat Wax to protect the surface. When applying wax, apply in a 2' x 2' area and wipe area clean before the wax dries. Do not allow wax to haze or dry on the painted surface.

Product List

- 3M™ Hookit™ Finishing Film Disc, 30367, P1500, 3 in.
- 3M™ Trizact™ Hookit™ Clear Coat Sanding Disc, 02094, P1500, 3 in.
- 3M™ Perfect-It™ Detail Cloth, 06016, 6 cloths/bag
- 3M™ Trizact™ Hookit™ Foam Disc, 02087, P3000, 3 in.
- 3M™ Hookit™ Soft Interface Pad, 05771, 1 pad/bag, 3 in.
- 3M™ Trizact™ Hookit™ Foam Disc, 30362, 5000, 3 in.
- 3M™ Foam Buffing Pad, 05759, 2 pads/bag, 3 in.
- 3M™ Finesse-It™ Knit Buffing Pad, 85078, Single Sided, 3 in.
- 3M™ Perfect-It™ EX Rubbing Compound, 36060, Quart (946mL)
- 3M™ Perfect-It™ Foam Polishing Pad, 05726, 2 pads/bag, 3 in.
- 3M™ Perfect-It™ EX Machine Polish, 06094, Quart (946mL)
- 3M™ Perfect-It™ Ultrafine Foam Polishing Pad 05760, Single Sided, 3 in.
- 3M™ Perfect-It™ EX Ultrafine Machine Polish, 06068, Quart (946mL)
- 3M™ Perfect-It™ Boat Wax, 36113, Quart



Safety Items

Product	Part No.
 3M™ Half Facepiece Respirator Packout, 07182, Medium, with 3M™ Particulate Filters, 07184, P100	07182
 3M™ Rugged Comfort Half Facepiece Reusable Respirator 6502, Medium	49489
 3M™ Disposable Protective Coverall Safety Work Wear – 4520 XL, Individually Packaged	49796
 3M™ Organic Vapor Service Life Indicator Cartridge	6001i
 3M™ Organic Vapor/P100 Service Life Indicator Cartridge	60921i

Product	Part No.
 3M™ SecureFit™, Protective Eyewear with Clear Anti-Fog Lens	SF201AF
 3M™ E-A-R™ Skull Screws™ Corded Earplugs	P1301
 3M™ Belt-Mounted PAPR Painter's Kit GVP-PSK2	37335
 3M™ Ultimate FX Full Facepiece Reusable Respirator FF-402, Respiratory Protection, Medium	89421
 3M™ Particulate Respirator, N95 with 3M™ Cool Flow™ Valve	07185

⚠WARNING

Protective Coveralls

These protective coveralls help protect against certain liquid splashes and hazardous dusts. Before use wearer must read and understand the *User Instructions* provided as part of the product packaging. **Failure to follow all instructions on the use of these protective clothing products and/or failure to wear the complete product during all periods of exposure may adversely affect the wearer's health, or lead to severe or life threatening illness or permanent disability.** Final determination as to the suitability of these products for a particular situation is the employer's responsibility. For proper use and selection see Supervisor, *User Instructions* or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4414.



⚠WARNING

Respiratory Products

These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the *User Instructions* provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including, but not limited to, training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in sickness or death.** For proper use, see packaging instructions, supervisor, or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4414.

⚠WARNING

Eye and Face Products

These eye and face protection products help provide limited eye and face protection. **Misuse or failure to follow warnings and User Instructions may result in serious potential injury, including blindness or death.** For proper use, selection, and applications against flying particles, optical radiation and/or splash, see supervisor, read *User Instructions* and warnings on the package or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4414.

⚠WARNING

Hearing Protection Products*

Caution: When worn according to the User Instructions, this hearing protector helps reduce exposure to both continuous noises, such as industrial noises and noises from vehicles and aircraft, as well as very loud impulse noises, such as gunfire. It is difficult to predict the required and/or actual hearing protection obtained during exposure to impulse noises. For gunfire, the weapon type, number of rounds fired, proper selection, fit and use of hearing protection, proper care of hearing protection, and other variables will impact performance. If your hearing seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, your hearing may be at risk. To learn more about hearing protection for impulse noise, visit www.3M.com/hearing.

Choking Hazard—Keep away from infants and small children. These hearing protectors help reduce exposure to hazardous noise and other loud sounds. **Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury.** For proper use, see supervisor, *User Instructions*, or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4414. If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing earplugs. Failure to do so may result in hearing loss or injury.

Noise Reduction Rating (NRR):

*3M recommends fit testing of hearing protectors. If NRR is used to estimate typical workplace protection, 3M recommends that NRR be reduced by 50% or in accordance with applicable regulations. See *User Instructions* for more information.

For more information contact your 3M representative, authorized distributor or visit 3MMarine.com

Individual Product Instruction and Safety Information

For individual product instructions and applicable precautions see product labels and associated literature for the individual product at 3MMarine.com

For product safety data sheets see 3MMarine.com

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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.

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