



Science.
Applied to Life.™

3M™ Body Repair Solutions Guide

Trusted Collision Repair Products



3M

Why Choose 3M Body Repair Products?

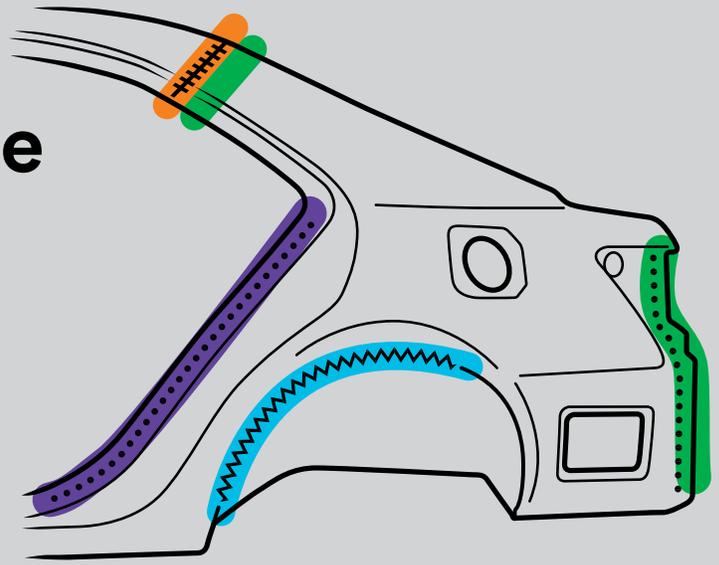
I've been using 3M products since I first started working with my Dad in his shop. At Foose Design, we are proud to use these outstanding products every day to help us achieve the best in quality and design. With 3M, I can trust that I'm using industry's best. Whether it's the exceptional cut and life of 3M™ Cubitron™ II abrasives or

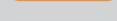
smooth finish of 3M™ Platinum™ Select Body Filler, I can stand by my work and know I've used products infused with today's leading technology and innovation. I'm proud to have 3M products in my shop and use them every day. If you want to build the best, use the best products: 3M products are the best in the business.



FOOSE
DESIGN

Choose the right 3M product for the right application.



-  Surface Preparation
-  Spot Weld Removal
-  Weld Grinding
-  Sectioning
-  Hem Flange Removal



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CUBITRON™ II

Abrasive Discs and Sheets

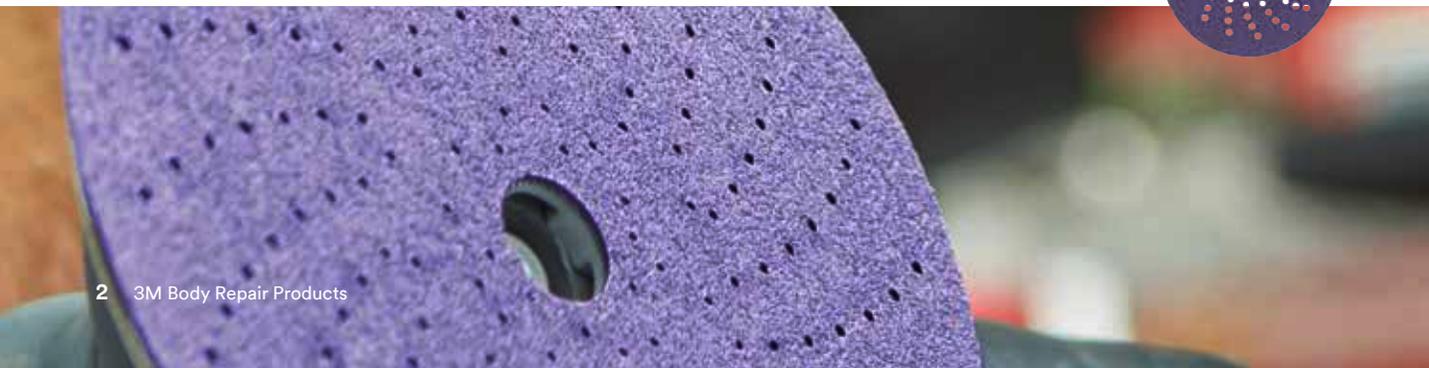
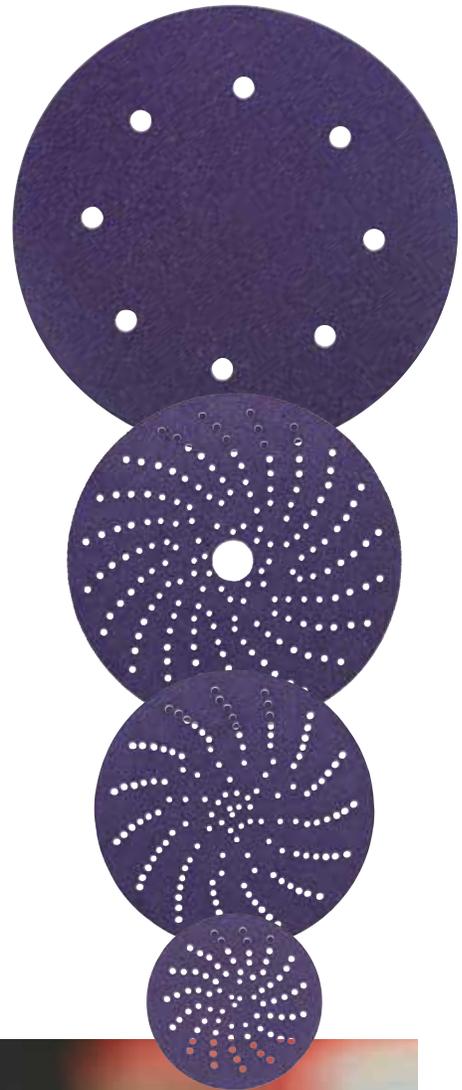
Surface Preparation

The spiral-patterned design of 3M™ Cubitron™ II Clean Sanding Abrasive Discs features hundreds of holes to give dust a better escape route, moving more dust away from your finishing surface without loading the disc. Plus, the unique multi-hole disc pattern is designed for quicker changes because hole alignment is not required. 3M™ Cubitron™ II Abrasive Sheets are available for paint removal, filler or putty shaping. Ideally suited for use with the 3M™ Hookit™ Sanding Blocks.

3M™ Cubitron™ II Clean Sanding Hookit™ Abrasive Discs

Use for paint stripping, body filler sanding and featheredging. 3M Precision Shaped Grain slices through paint and body filler, wears evenly, and provides long life and consistency. Discs utilize the 3M™ Hookit™ Attachment System for simple application and easy reuse.

Part No.	Grade	Discs per Box	Boxes per Case	Dia.
Use with Festool Disc Pads				
31375	40+	25	4	8"
31376	80+			
31370	40+	50	4	6"
31371	80+			
31372	120+			
31373	150+			
31374	180+	50	4	5"
31481	220+			
31366	80+	50	4	3"
31367	120+			
31368	150+			
31369	180+			
31471	220+	50	4	3"
31361	80+			
31362	120+			
31363	150+			
31364	180+			
31461	220+			



3M™ Cubitron™ II Hookit™ File Sheets

Featuring 3M Precision Shaped Grain technology, these ceramic abrasives cut much more efficiently than other conventional ceramic abrasives — allowing users to realize significant improvements in the cut speed and life of each sheet.



Part No.	Grade	Sheets per Box	Boxes per Case	Size
Use with 3M™ Hookit™ Sanding Blocks				
34490	40+	25	4	2-3/4" x 16-1/2"
34492	80+			
34494	120+			
34495	150+			
34496	180+			
34497	220+			

For accessories, see page 13.

3M™ Cubitron™ II Clean Sanding Hookit™ Sheet Rolls

Featuring a unique “kiss cut” technology that allows multiple product lengths to be extracted from a single roll. Chevron type holes allow for clean sanding. Can be used on any 3M™ Hookit™ Sanding Block.



Part No.	Grade	Rolls per Box	Boxes per Case	Size
Use with 3M™ Hookit™ Sanding Blocks				
34440	40+	1	5	2-3/4" x 8.75 yd
34442	80+			
34444	120+			
34445	150+			
34446	180+			
34447	220+			

For accessories, see page 13.

3M™ Dry Guide Coat

An important step in any repair to ensure superior results. Helps reduce possible costly rework. No masking, no overspray, no solvents and no dry-time. No loading during sanding and ideal for wet or dry sanding. Total and proper coverage into surface imperfections.



Part No.	Description	Units per Case
05860	Cartridge	10
05861	Kit	6



3M™ Platinum™ Select Filler
31131



3M™ Platinum™ Plus Finishing Glaze
31180



3M™ Cubitron™ II Flap Disc — T29
33470



3M™ Hookit™ Sanding Block, Dust Free
05208

Related Products
Learn more at 3MCollision.com



CUBITRON™ II

Abrasive File Belts

Spot Weld Removal

3M™ Cubitron™ II File Belts are ideally suited for use with the 3M™ File Belt Sander for a variety of metalworking applications in the auto body shop.

3M™ Cubitron™ II File Belts

Our most advanced file belts for use with the 3M™ File Belt Sander as an alternative to spot weld drilling, providing improved control and ease of use for spot weld removal and many common body shop metal grinding applications. 3M Precision Shaped Grain technology provides improved cut, a more consistent finish and two times more belt life while running cooler than conventional ceramic abrasives.



Part No.	Grade	W x L	Belts per Box	Boxes per Case
33437	36+			
33439	60+	3/8" x 13"	10	5
33440	80+			
33443	36+			
33445	60+	1/2" x 18"	10	5
33446	80+			
33449	36+			
33451	60+	3/4" x 20-1/2"	10	5
33452	80+			

For tools, see page 10.





Scotch-Brite™ Durable Flex Belt

Aggressive and long-lasting non-woven belt is reinforced with low stretch backing for durability. Produces a fine and consistent finish. Great for general surface prep for welding and adhesive bonding. Cleans welds and hot spots. Feathers edges for plastic repair.

Part No.	Grade	W x L	Belts per Case
64475	A CRS	1/2" x 18"	20

For tools, see page 10.

3M file belts are great alternatives to spot weld drilling!
Fast cut. Improved control. Ideal for hard-to-reach spots.



3M™ Mini File Belt Sander 33573



3M™ File Belt Sander 33575



3M™ Heavy-Bodied Seam Sealer 08308



3M™ Panel Bonding Adhesive 08115

Related Products
Learn more at 3MCollision.com



CUBITRON™ II

Weld Grinding

Abrasive Discs

Versatility is key to productivity. With 3M™ Roloc™ Discs, a quick 1/2 turn on, 1/2 turn off speeds up disc changing. 3M™ Flap Discs, 3M™ Fibre Discs (page 9) and 3M™ File Belts (pages 4–5) can also be used for weld grinding.

3M™ Cubitron™ II Fibre Roloc™ Discs

Our most advanced Roloc disc, the 3M™ Cubitron™ II Fibre Roloc™ Disc is designed for heavy duty metalworking applications such as weld grinding and clean-up. Features rigid fibre backing for increased cut performance.

Part No.	Grade	Dia.	Max. RPM	Discs per Box	Boxes per Case
Roloc TR (Plastic Button) 					
33377	36+				
33379	60+	2"	25,000	15	6
33380	80+				
33389	36+				
33391	60+	3"	20,000	15	6
33392	80+				

For tools and accessories, see page 11.



3M™ Cubitron™ II Flap Discs — T29

Combining 3M Precision Shaped Grain with a durable yet flexible backing; this 3M™ Cubitron™ II Flap Disc is an outstanding choice for rapidly removing welds, grinding edges, finishing metal and removing paint.

Part No.	Grade	Dia.	Discs per Box	Boxes per Case
33470	40+			
33471	60+	4-1/2" x 7/8"	5	6
33472	80+			

For tools and accessories, see page 12.





Scotch-Brite™ Roloc™ and Roloc™ + Clean and Strip XT Discs

Best-in-class disc, made from an extremely durable three-dimensional web that has a soft edge, allowing it to remove paint and other coatings in hard-to-get-at creases and dents with less metal removed.

Part No.	Description	Grade	Size	Max. RPM	Unit	Units per Case
Roloc TR (Plastic Button) 						
07476	Roloc	Extra Coarse	3"	15,000	Each	10
07470	Roloc +		4"	8,500		

For tools and accessories, see page 11.



Scotch-Brite™ Roloc™ TR and Roloc™ + Clean and Strip Discs

Aggressively removes paint and rust from seams, door jambs, drip moldings, pinchwelds and other difficult-to-reach areas. Three-dimensional abrasive web conforms to work area.

Part No.	Description	Grade	Size	Max. RPM	Unit	Units per Case
Roloc TR (Plastic Button) 						
07461	Roloc	Extra Coarse	3"	15,000	Each	10
07466	Roloc +		4"	8,500		

For tools and accessories, see page 11.



3M™ Pistol Grip Disc Sander 33577



3M™ Disc Sander 28408



3M™ Bare-Metal Seam Sealer 08310



3M™ Panel Bonding Adhesive 08115

Related Products
Learn more at 3MCollision.com



CUBITRON™ II

Abrasive Discs and Wheels

Sectioning

3M™ Cubitron™ II Cut-Off Wheels are designed for cutting and heavy stock removal of metals and fiberglass.

3M™ Cubitron™ II Cut-Off Wheels

Used for cutting autobody sheet metal, frame rails, exhaust pipes, clamps and rusted bolts. Constructed with triangular-shaped ceramic grain for fast-cutting, longer lasting and cooler running performance than conventional ceramic abrasives. **DO NOT USE WITHOUT GUARDS!**



Part No.	Size	Max. RPM	Wheels per Box	Boxes per Case
ALWAYS USE WITH GUARD				
33456	3" x 1/25" x 3/8"	25,465	5	6
33455	3" x 1/16" x 3/8"			
33460	4" x 1/25" x 3/8"	19,100		
33467	4-1/2" x 1/25" x 7/8"	13,300		

For tools, see page 10.





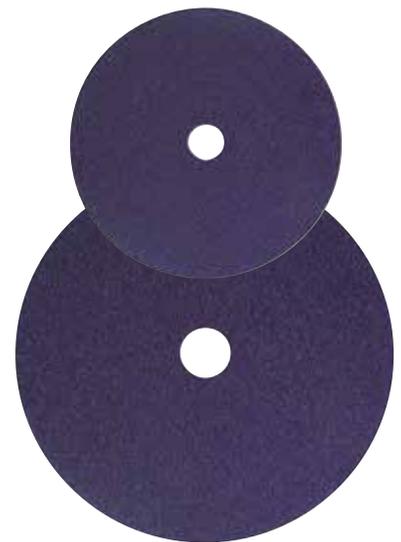
Hem Flange Removal

Designed for use with the appropriate disc sander, 3M™ Cubitron™ II Fibre Discs provide fast cut and speed, offering low total cost per grind.

3M™ Cubitron™ II Abrasive Fibre Discs

Performance class abrasive utilizes 3M Precision Shaped Grain ceramic abrasive technology, which allows for faster cutting of welds and door skin removal. When stripping paint, the improved construction resists loading while generating less heat.

Part No.	Grade	Dia. x Ctr.	Max. RPM	Discs per Box	Boxes per Case
33413	36+				
33415	60+	5" x 7/8"	12,000	5	5
33416	80+				
33425	36+				
33427	60+	7" x 7/8"	8,600	5	5
33428	80+				



For tools and accessories, see page 12.



3M™ Cut-Off Wheel Tool 33579



3M™ Disc Sander 28408



3M™ Panel Bonding Adhesive 08115



3M™ EZ Sand Multi Purpose Repair Material 05887

Related Products
Learn more at 3MCollision.com

3M™ Body Repair Tools

3M™ Mini File Belt Sander and File Belt Sander

3M™ File Belt Sanders allow technicians to access hard-to-reach areas and are great for spot weld removal, deburring, cleaning, and finishing. Remove spot welds cleanly and quickly with 3M™ Cubitron™ II File Belts — replacing the need for expensive drills and bits. Adjustable arm for user comfort and multiple applications. Available in 13" and 18" sizes.



Part No.	Belt Size in (mm)	Max RPM	Weight lb (kg)	Height in (mm)	Length in (mm)	Motor hp (W)
Belt Speed: 4100 SFPM (1250 SMPM)						
33573	3/8 × 13 (10 × 330)	17,000	2.07 (0.94)	2.87 (73)	12.50 (320)	0.65 (485)
33575	1/2 × 18 (13 × 457)		2.16 (0.98)		15.15 (385)	

For belts, see pages 4–5.

3M™ Cut-Off Wheel Tools

3M™ Cut-Off Wheel Tools deliver the performance you need when working with tough automotive substrates. When paired with 3M™ Cubitron™ II Cut-Off Wheels, technicians can even slice through high-strength steel and aluminum with clean, straight lines and minimal effort. Power with a Cubitron II cut-off wheel for a cleaner cut that runs cooler. Compact design with built-in safety features for easy handling. Featuring a light-weight composite body for greater user comfort. Available in 3" and 4" sizes.



Part No.	Wheel Size in (mm)	Max RPM	Thread Size	Weight lb (kg)	Height in (mm)	Length in (mm)	Motor hp (W)
ALWAYS USE WITH GUARD							
33579	3 (75)	20,000	1/4" - 28	1.91 (0.87)	3.14 (79.6)	7.73 (196)	0.70 (522)
33581	4 (100)			2.00 (0.91)	3.42 (86.9)		

For wheels, see page 8.

Related Products

Learn more at 3MCollision.com



3M™ Cubitron™ II File Belt 33437



3M™ Cubitron™ II Cut-Off Wheel 33456



3M™ Cubitron™ II Fibre Roloc™ Disc 33389



3M™ Panel Bonding Adhesive 08115

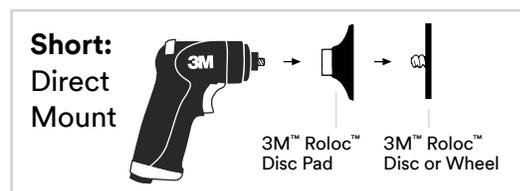
3M™ Pistol Grip Disc Sander

Light-weight tool with the power to grind welds. Conveniently sized to access small and hard-to-reach areas. Perfect for grinding and sanding applications with our 3M™ Cubitron™ II Fibre Roloc™ Discs. Variable speed adjustment for optimal finish.



Part No.	Max RPM	Thread Size	Weight lb (kg)	Height in (mm)	Length in (mm)	Motor hp (W)
Use with 2" (50mm) and 3" (75mm) discs*						
33577	18,000	1/4" - 20	1.76 (0.8)	2.05 (52)	7.50 (189)	0.45 (336)

*Tool includes a 2" (50mm) and 3" (75mm) 3M™ Roloc™ Disc Pad. For discs, see page 6-7.

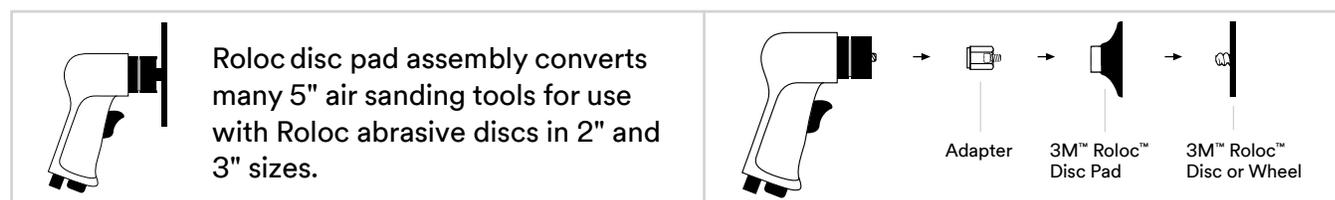


3M™ Roloc™ Disc Pad Assembly

Hard rubber backup pad provides firm support for 3M™ Roloc™ Abrasive Discs. Pad has a 1/4-20 INT thread which allows it to be mounted directly to tools with 1/4-20 EXT threaded shafts. Assembly includes a 2" or 3" 3M™ Roloc™ Disc Pad, shaft and adapter.



Part No.	Size	Max. RPM	Unit	Units per Case
05539	2"	25,000	Assembly	10
05540	3"	20,000		



3M™ Roloc™ + Holder

Allows use of Scotch-Brite™ Roloc™ + Clean and Strip Disc on your tool. The 1/4" shank fits into any recommended standard tool with 1/4" collet. Quick and easy to use.



Part No.	Size	Unit	Units per Case
07500	2"	Each	10

3M™ Body Repair Tools

3M™ Disc Sander

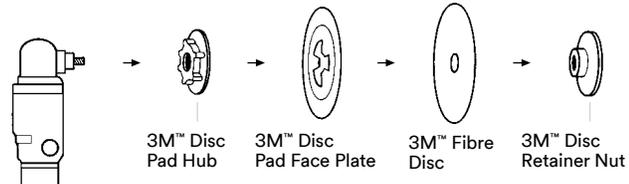
Designed to perfectly match 3M's coated and surface conditioning discs. 3M™ Gripping Material molded into tool housing for greater operator comfort. Removable side handle furnished with tool. Right angle steel gear head with grease fitting for increased gear life. Rear exhaust.



Part No.	Desc.	Motor HP	Max RPM	Weight lb (kg)	Length in (mm)	Height in (mm)	Thread	Air Inlet Thread	Units per Case
28408	Rotary	1	12,000	3.10 (1.4)	8.25 (209.6)	9.23 (107.4)	5/8-11 EXT	3/8" NPT*	1

*3/8" – 1/4" air inlet reducer included with tool. For flap discs, see page 6. For discs, see page 9.

The following accessories are available to help optimize the performance of your 3M disc sander and abrasives.



3M™ Disc Pad Hubs

Has a threaded metal insert and can be used on most 5/8-11 shafts.

Part No.	Size	For Use With	Unit	Units per Case
45205	2-1/2" x 5/8-11 INT	All 4"-9" face plates	Each	10
45190	4-1/2" x 5/8-11 INT	7", 8" and 9" face plates		



3M™ Disc Pad Face Plates — Ribbed

Use with 3M™ Fibre Discs and Disc Pad Hubs for heavy metal removal, large welds, etc. 3M™ Disc Pad Face Plates can be easily changed without removing the hub.

Part No.	Size	Desc.	Max RPM	Unit	Units per Case
81733	5"	Hard Black	12,000	Each	10
80515	7"		8,600		
81729	9"		6,600		



3M™ Disc Retainer Nuts

Use with 3M™ Disc Pad Face Plates, Disc Pad Hubs and Fibre Disc Holders. Has 1/4" diameter holes for use with a spanner wrench.

Part No.	Size	Unit	Units per Case
02618	5/16" x 5/8-11 INT	Each	10
05622	3/8" x 5/8-11 INT		



3M™ Hookit™ Sanding Blocks, Dust Free

Use with 3M™ Hookit™ Clean Sanding Sheet Rolls for sanding applications involving body filler, putty and primer. Attaches to vacuum hose for dust removal.

Part No.	Size	Inner Pack	Units per Case
05207	2-3/4" x 5"		5
05208	2-3/4" x 7-1/2"	1 Block	
05209	2-3/4" x 16"		1

For abrasive sheets, see page 3.



3M™ Hookit™ Sanding Blocks

Foam blocks make sanding easier in difficult locations. Comfortable and easy-to-use, these blocks can be used with 3M™ Hookit™ Clean Sanding Sheet Rolls to complete everyday repairs. The bright yellow color helps make them easy to find in dusty shop conditions.

Part No.	Size	Inner Pack	Units per Case
05685	7/8" x 1-3/8" x 10-3/4"		24
05686	1-1/2" x 2-5/8" x 5-1/4"		12
05687	1-1/2" x 2-5/8" x 10-3/4"		8
05688	1-1/2" x 2-5/8" x 16"	1 Block	
05689	Round, 1-1/4" x 10-3/4"		24
05690	5/8" x 2-1/2" x 5-3/8"		12
05691	Teardrop, 2-1/8" x 10-3/4"		

For abrasive sheets, see page 3.



3M™ Hookit™ Sanding Block Kit

This kit contains the top seven most popular blocks in a blister pack shipper. These are to be used as an accessory item with our 3M™ Hookit™ Abrasives for sanding filler, primer and other substrates.

Part No.	Description	Inner Pack	Units per Case
05684	<p>Kit contains one (1) each: 05685, 7/8" x 1-3/8" x 10-3/4" 05686, 1-1/2" x 2-5/8" x 5-1/4" 05687, 1-1/2" x 2-5/8" x 10-3/4" 05689, Round, 1-1/4" x 10-3/4" 05691, Teardrop, 2-1/8" x 10-3/4"</p> <p>Kit contains two (2) each: 05690, 5/8" x 2-1/2" x 5-3/8"</p>	1 Kit	6

For abrasive sheets, see page 3.



3M™ Cubitron™ II
Abrasive Fibre Disc
33413



3M™ Cubitron™ II
Clean Sanding Hookit™
Sheet Roll 34445



3M™ Panel Bonding
Adhesive 08115



3M™ Bare-Metal
Seam Sealer 08310

Related Products
Learn more at 3MCollision.com

Body Fillers and Glazes

3M™ Platinum™ Select Filler

3M™ Platinum™ Select Filler is a premium body filler that offers fast surface adhesion to properly prepared aluminum, steel, galvanized steel, e-coat, fiberglass, SMC and silicone bronze MIG brazed joints. With Platinum Select filler's fine surface, it reduces the amount of primer used to cover micro pinholes over traditional filler. Platinum Select filler is stain-free and is perfect for use under all basecoat/clearcoat, including water borne. Platinum Select filler offers excellent corrosion resistant properties.

Part No.	Size	Units per Case
31131	1 Gallon	4
31130	3 Gallon	1
31128	5 Gallon	1



3M™ Platinum™ Plus Body Filler

3M™ Platinum™ Plus Body Filler is a super creamy formula that achieves extreme adhesion to properly prepared galvanized steel, aluminum, e-coat, Fiberglass, SMC, cured epoxy, urethane primers and silicon bronze MIG brazed joints. Platinum Plus filler is manufactured with only the highest quality ingredients, including our proprietary adhesion promoter.

Part No.	Description	Size	Units per Case
01131	-	1 Gallon	4
01130	-	3 Gallon	1
01132	Air Cartridge		2
31139	Air Pail with Hardener	5 Gallon	1



3M™ Quick Grip Filler

3M™ Quick Grip Filler reduces the time to shape and sand, and delivers rapid adhesion to multiple surfaces. Vacuum processed to reduce pinholes. Stain-free/tack-free finish helps avoid extreme loading of sandpaper. Easy to sand and bonds rapidly to galvanized steel, aluminum, e-coat, fiberglass, SMC, cured epoxy and urethane primers. Adheres to all substrates quickly and creates a great feather edge.

Part No.	Description	Size	Units per Case
33177	-	1 Quart	12
33181	-	1 Gallon	4
33183	Air Cartridge	3 Gallon	1
33185	Air Pail	5 Gallon	1





3M™ Platinum™ Plus Finishing Glaze

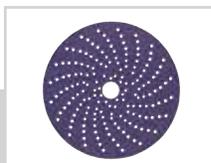
3M™ Platinum™ Plus Finishing Glaze achieves extreme adhesion to galvanized steel, aluminum, e-coat, fiberglass, SMC, cured epoxy, and urethane primers. Platinum Plus glaze cuts the sanding time to as little as 15 minutes.



Part No.	Description	Size	Units per Case
31180	Finishing Glaze	30 oz	6
03180		24 oz	
03080		16 oz	
12011	Glaze	24 oz	



3M™ Dry Guide Coat Kit 05861



3M™ Cubitron™ II Clean Sanding Hookit™ Abrasive Disc 31373



3M™ Cubitron™ II Clean Sanding Hookit™ Sheet Roll 34445



3M™ Hookit™ Sanding Block, Dust Free 05208

Related Products

Learn more at 3MCollision.com

Plastic Repair

3M™ EZ Sand Multi Purpose Repair Material

Two-part epoxy used to repair most flexible parts. May also be used as a seam sealer where a rounded edge seam is required. This semi-flowable material creates the perfect bead matching many OEM applications.

Part No.	Color	Size	Units per Case
05887	Grey	200mL	6

Approved
as Seam
Sealer



3M™ Flexible Bumper Patch

Used to reinforce the inside of a two-sided plastic repair of minor bumper damage that pierces the plastic. A high performance, 4" by 8" flexible TPO (thermoplastic polyolefin) patch provides a strong backside reinforcement repair for most plastics.

Part No.	Color	Size	Units per Case
05888	Black	4" x 8"	36

Kit includes six flexible TPO patches and six adhesion promoter packets 06396.



Easy to Apply



1
Clean



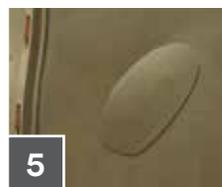
2
Apply Adhesion
Promoter



3
Trim



4
Peel Liner



5
Stick To Bumper

3M™ Super Fast Plastic Repair Adhesive

Super fast-setting adhesive which does not require a separate accelerator like cyanoacrylate adhesives. Has excellent wide gap filling capabilities and withstands a wide range of temperatures. Will not run or sag.

Part No.	Color	Size	Units per Case
04747	Clear	50mL	
04248	Black		6
04247	Clear	200mL	



Plastic Repair Guide

Product Name	Part No.	Size	Color	Chemistry	Work Time	Sand/ Handling Time	Cure Time	Features
3M™ EZ Sand Multi Purpose Repair Material	05887	200mL	Grey	Two-Part Epoxy	8 min	15 min	Must be applied over primer	<ul style="list-style-type: none"> • Flexible for use on exterior bumper covers • Excellent sandability
	35887	50mL						
3M™ Flexible Bumper Patch	05888	4" x 8"	Black	TPO	N/A	N/A	No cure time delay	<ul style="list-style-type: none"> • Excellent adhesion properties • Use on plastics for additional reinforcement
3M™ Super Fast Plastic Repair Adhesive	04747	50mL	Clear	Two-Part Urethane	20 sec	5 min	1 hr	<ul style="list-style-type: none"> • Super-fast setting • Use for rebuilding tabs and fixing broken eyelets • Excellent gap-filling capabilities • Withstands wide temperature range (unlike cyanoacrylate)
	04248	200mL	Black					
	04247		Clear					
3M™ Semi-Rigid Plastic Repair	34240	50mL	Black	Two-Part Urethane	50 sec	15 min	1 hr	<ul style="list-style-type: none"> • Very rigid material • Use to reinforce backside
	04240	200mL						
3M™ Semi-Rigid Parts Repair – 1	08235	200mL	Black	Two-Part Urethane	50 sec	30 min 30 min	1 hr	<ul style="list-style-type: none"> • Reinforcement strips, patch bonding, small bonding apps • Fix Xenoy, RRIM, GTX, PPO, ABS and other semi-rigid plastics and bumper covers
3M™ Semi-Rigid Parts Repair – 3	08237				3 min		4 hrs	

Did You Know?

- Using 3M super fast adhesive on the front side of a flexible patch repair before skim coating with 3M EZ sand repair material 05887 adds strength and rigidity thus expanding the utility of the flexible repair patch.
- 3M plastic repair products use both urethane and epoxy technology to provide strength, flexibility and excellent sanding qualities.
- When unknown plastics require special attention due to adhesion issues 3M panel bonding adhesive 08115 can be an excellent repair solution.
- When repairing semi rigid reinforced plastics such as RIM (reinforced injection molded) you use the same method and 3M plastic repair products as with flexible plastic such a PP (polypropylene) or TPO (thermoplastic polyolefin).



3M™ Reinforcement Patch 04904



3M™ Plastic Contour Sheet 04903



3M™ Polyolefin Adhesion Promoter 05907



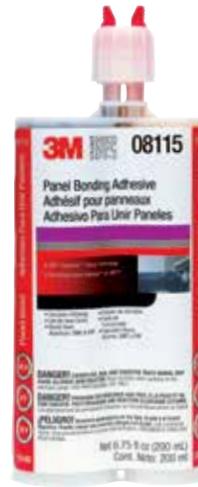
3M™ Cubitron™ II Clean Sanding Hookit™ Sheet Roll 34445

Related Products
Learn more at 3MCollision.com

Adhesives

3M™ Panel Bonding Adhesive

Two-part epoxy adhesive which provides extended work-time but can be rapidly cured with heat. Excellent adhesion to a wide variety of plastic and metal substrates. When the manufacturer's directions are followed, this product can be used to bond door skins, roof skins, quarter panels and box sides. In addition, this product can be used for bumper cover repair under certain conditions.



Part No.	Color	Size	Units per Case
38315		50mL	
08115	Black	200mL	6
08116			

3M™ Impact Resistant Structural Adhesive

Two-part epoxy adhesive providing an extended work time, but can be rapidly cured with heat. Excellent adhesion to a wide variety of properly prepared automotive substrates including steel and aluminum. Intended for true structural bonding applications when specified by automotive OEMs. Recommended for all weld-bonded and rivet-bonded joints.

Part No.	Color	Size	Units per Case
07333	Dispenses Silver, Cures Purple	200mL	3



Color Change Feature
Curing process has begun, as indicated by silver to purple color change (30 min at 175°F)

3M™ Composite and Metal Bonding Adhesive

3M™ Composite and Metal Bonding Adhesive is now approved for bonding door skins. Two-part urethane adhesive that is used to bond SMC and FRP (traditional fiberglass) body panels to each other and to metal. This product is a fast drying product with a 35 minute worktime. It is designed to bond composite and metal to each other, along with metal to metal applications.

Part No.	Color	Size	Units per Case
08219	Green	200mL	6

Approved for Direct to Bare Metal



Adhesives Guide

Product Name	Part No.	Size	Color	Chemistry	Work Time	Clamp/ Handling Time	Cure Time
3M™ Panel Bonding Adhesive (DTM Bonder)	08115	200mL	Black	Epoxy	90 min @ 70°F 45 min @ 90°F (may be accelerated with heat)	4 hrs (may be accelerated with heat)	24 hrs
	38315	50mL					
3M™ Impact Resistant Structural Adhesive	07333	200mL	Disp. Silver, Cures Purple	Epoxy	60 min	8 hrs	24 hrs
3M™ Composite and Metal Bonding Adhesive – 35 (DTM Bonder)	08219	200mL	Green	Urethane	35 min	90 min	3 hrs
3M™ Panel Bonding Adhesive (DTM Bonder) GM and Chrysler Approved	08116	200mL	Black	Epoxy	2 hrs @ 70°F 1 hr @ 90°F (may be accelerated with heat)	6 hrs (may be accelerated with heat)	24 hrs
3M™ Quick Fix Adhesive Kit with Accelerator	08224	0.7 oz Adhesive/ 2 oz Accelerator	Clear	Cyanoacrylate	1 min	2 min	1 hr
	08107	50mL	Clear	Epoxy	3 min	30 min	1 hr
3M™ Universal Adhesive	08217	200mL					
	08223	200mL	Black	Urethane	3 min	30 min	4 hrs
	08214	200mL	Black	Urethane	10 min	1 hr	4 hrs
3M™ Channel Bonding and Sidelite Adhesive	08641	50mL	Black	Epoxy	5 min	1 hr	24 hrs

Did You Know?

- You can weld through uncured 3M panel bonding adhesive 08115 using squeeze type resistance spot welding to form a weld bonded joint.
- 3M composite and metal bonding adhesive 08219 has a 35 minute working time and can be unclamped and handled in as little as 2 hours at 70°F, making it perfect for door skin replacements.
- 3M panel bonding adhesive 08115 is approved by Ford for F-150 Aluminum rivet bonding and bonding operations.
- 3M panel bonding adhesive 08115 works very well to repair many plastic substrates without the application of adhesion promoter.
- 3M panel bonding adhesive 08115 can be “heat set” in as little as 15 minutes to handling strength.



3M™ Shop Rack
02530



3M™ Static Mixing
Nozzles 08193



3M™ Performance
Pneumatic Applicator
09930



3M™ Cubitron™ II
Cut-Off Wheel
33456

Related Products
Learn more at 3MCollision.com

Two-Part Seam Sealers

3M™ EZ Sand Multi Purpose Repair Material

Two-part epoxy used to repair most flexible parts. May also be used as a seam sealer where a rounded edge seam is required. This semi-flowable material creates the perfect bead matching many OEM applications.

Approved as Seam Sealer



Part No.	Color	Size	Units per Case
05887	Grey	200mL	6

3M™ Bare-Metal Seam Sealer

Two-part epoxy with superior corrosion protection for use on vertical or horizontal bare metal seams. Heavy-bodied, non-sagging, non-flowing and easy tooling. Formulated for matching OEM seam sealer appearances.

Part No.	Color	Size	Units per Case
08310	Beige	200mL	6



3M™ Bare-Metal Seam Sealer may be tooled using a brush or skiving tool to permanently seal seams prior to primer application, saving time and duplication of work in your paint shop.

3M™ Heavy-Bodied Seam Sealer

Two-part seam sealer for all general purpose automotive sealing needs. Cures quickly to a tough, strong bead for lasting seam sealing protection. This includes door skins, floor pans, trunk floors, roof seams and many other applications.

Part No.	Color	Size	Units per Case
08308	Black	200mL	6



Two-Part Seam Sealers Guide

Product Name	Part No.	Size	Color	Chemistry	Work Time	Paint Time	Features
3M™ EZ Sand Multi Purpose Repair Material	05887	200mL	Grey	Two-Part Epoxy	8 min	15 min	<ul style="list-style-type: none"> • Must be applied over primer • Provides great rounded edges • Match OEM seams, sandable, semi flowable, flexible
	35887	50mL					
3M™ Bare-Metal Seam Sealer	08310	200mL	Beige	Two-Part Epoxy	8 min	15 min	<ul style="list-style-type: none"> • Apply directly over bare or primed metal • Heavy-bodied seam sealer • Use on vertical or horizontal seams to match OEM seams
3M™ Heavy-Bodied Seam Sealer	08308	200mL	Black	Two-Part Epoxy	6 min	15 min	<ul style="list-style-type: none"> • Heavy-bodied, non-sagging, non-flowing seam sealer • Match OEM seams on floor pans, door skins, truck beds • Use for cosmetic seams
3M™ Self-Leveling Seam Sealer	08307	200mL	Clear	Two-Part Epoxy	8 min	15 min	<ul style="list-style-type: none"> • Match OEM seams on roof ditches and rear body panels
3M™ Factory Match Seam Sealer	08323	200mL	Black	Two-Part Urethane	10–15 min	30 min	<ul style="list-style-type: none"> • Flows slightly, softens on edges without tooling (rounded appearance) • Use to duplicate factory door skin seams
3M™ Controlled Flow Seam Sealer	08329	200mL	Black	Two-Part Urethane	3 min	30 min	<ul style="list-style-type: none"> • Flexible for sealing channels and seams • Excellent for sloped areas • Will run approximately 1-1/2 to 2" when applied at a 45 degree angle

Did You Know?

- When “equalizing” low viscosity two-part sealers and adhesives you should always position them upright for a few minutes and “equalize” in an upright orientation dispensing material through the mixing nozzle to avoid air bubbles and maintain proper equalization. CAUTION: During equalization point the nozzle away from any person or body parts to avoid accidental exposure.
- The use of aerosol type single component primer is not recommended under 3M seam sealer. Always use a two component urethane or epoxy primer in direct contact with the seam sealer.
- 3M EZ sand repair material 05887 works very well as a roof ditch sealer.
- 3M two-part seam sealers may be “tooled” or removed using a VOC Compliant Adhesive Remover without affecting the cure property of the sealers.
- 3M two-part seam sealers can be used to make sealer bead replicas off the vehicle and then attached to the vehicle after curing by using the same material they have been formed with.



3M™ OEM Seam Sealer Tips
08201-05



3M™ Static Mixing Nozzles 08193



3M™ Performance Pneumatic Applicator
09930



3M™ Cubitron™ II File Belt 33437

Related Products
Learn more at 3MCollision.com

One-Part Seam Sealers

Approved
for Direct to
Bare Metal

3M™ Urethane and MSP Seam Sealers

A high performance seam sealer ideal for sealing interior and exterior automotive and RV seams and joints. Adheres well to properly prepared bare metal, primer and e-coat surfaces. May be welded through using STRSW equipment. Can be smoothed to a featheredge and/or brushed. Reduces the risk of redos associated with the use of solvent-based seam sealers.

- High solids, single-component, moisture-curing
- Non-shrinking and non-cracking
- Low odor
- Able to fill large voids
- Tack-free and paintable in 30–45 minutes
- May be used in direct to bare metal and aluminum applications

Part No.	Color	Size	Units per Case
Urethane Cartridges			
08362	Grey	310mL	12
08365	Beige		
08367	Black		
08368	White		

Part No.	Color	Size	Units per Case
Urethane Foil Packs			
08360	White	310mL	6
08361	Grey		
08364	Beige		

Part No.	Color	Size	Units per Case
MSP Flex Packs			
08369	White	310mL	6
08370	Grey		



Related Products

Learn more at 3MCollision.com



3M™ Threaded
Cartridge Nozzle
08187



3M™ Flex Pack
Nozzle 081880



3M™ Single Component
Cartridge Pneumatic
Applicator 08990



3M™ Flexible
Package Applicator
08398

One-Part Seam Sealers Guide

Product Name	Part No.	Size	Color	Chemistry	Work Time	Paint Time	Features
3M™ Urethane Seam Sealer Direct to Metal Applications	08362	310mL	Grey	One-Part Urethane	10 min	30 min for solvent-based 45 min for water base	<ul style="list-style-type: none"> • Apply directly over bare or primed metal • Non-shrinking, non-cracking • Fills large voids
	08365		Beige				
	08367		Black				
	08368		White				
3M™ One-Part Seam Sealer (Foil Pack) Direct to Metal Applications	08360	310mL	White	One-Part Urethane	5–10 min	30 min	<ul style="list-style-type: none"> • Apply directly over bare or primed metal • Non-shrinking, non-cracking • Fills large voids
	08361		Grey				
	08364		Beige				
3M™ MSP Seam Sealer (Flex Pack) Direct to Metal Applications	08369	310mL	White	MSP	5–10 min	30 min	<ul style="list-style-type: none"> • Apply directly over bare or primed metal • High-quality, heavy bodied, general purpose, moisture-curing seam sealer • Use for interior and exterior body joints • May be primed or painted immediately or up to 72 hours • Not for use on lacquer paints
	08370		Grey				
3M™ MSP Sprayable Seam Sealer (Cartridge)	08374	310mL	Grey	MSP	5–10 min	15 min	<ul style="list-style-type: none"> • High-performance, non-shrinking, non-cracking, general purpose seam sealer that can be caulked • Use on door skins, hemming flanges, quarter panels and floor and truck pans

Did You Know?

- Caulk grade 3M urethane and MSP seam sealers can be used to replicate OEM liquid applied sound deadener applications.
- You can weld through uncured caulk grade 3M urethane and MSP seam sealers using squeeze type resistance spot welding to form a weld sealed joint.
- When using 3M pneumatic caulking gun 08990 the best operating pressure is 20 to 25 PSI. Be sure to regulate the inlet pressure for best results.
- Due to the flexibility of caulk grade 3M urethane and MSP seam sealers it is best to apply minimal amounts of primer over seam sealer. If heavy primer surfacer is required be sure to add flex agent to the primer to prevent paint film cracking due to body deflection.
- Many different appearances of seam sealer can be obtained using a pneumatic applicator and some simple techniques to match OEM appearance.



3M™ Flexible Pneumatic Package Applicator
08399



3M™ Cubitron™ II File Belt 33437



Scotch-Brite™ Roloc™ Clean Strip XT Disc
07476



3M™ Cubitron™ II Fibre Roloc™ Disc
33389

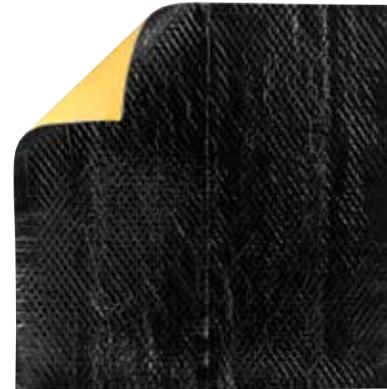
Related Products
Learn more at 3MCollision.com

Sound Deadening

3M™ Sound Deadening Pad

Conformable, self-adhesive sheets that can be easily custom cut and applied to vehicle floor pans, engine compartments, hoods, deck lids, inside doors and on body panels. These sound deadening pads work to suppress noise and vibration in panels.

- Feature an OEM-matching diamond emboss
- Self adhesive and paintable
- Center perforation for easy door panel installation
- May be used in direct metal to aluminum applications



Part No.	Color	Size	Units per Case
08840	Black	19" x 19" 500mm x 500mm	10



3M™ Sound Deadening Pads may be applied to vehicle floor pans, engine compartments, spare tire compartments, hoods, deck lids, inside doors and on body panels.



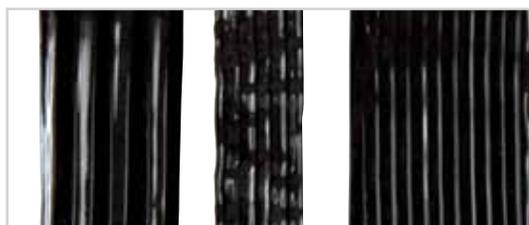
Diamond Pattern

3M™ NVH Dampening Material (Noise, Vibration, Harshness)

A flexible adhesive-type material used to reduce noise and vibration between panels where a long work time is required. Can be applied between roof skins and roof bows, door skins and door intrusion beams or other areas using non-structural type foam materials, providing up to 1" thick layer of flexible material on vertical and overhead applications. It can also be applied over existing dampening material as long as the original material is still integrally bonded.

- Can be used for large installations
- Remains very soft, yet sturdy and will not degrade
- 60 minute work time
- Can be applied to a thickness of 1" on vertical and overhead surfaces

Part No.	Color	Size	Units per Case
04274	Black	200mL	6



Troweled LASD
Trunk Floors,
Floors, Inner 1/4
Panels

Sound Deadening Guide

Product Name	Part No.	Size	Color	Chemistry	Work Time	Cure Time	Features
3M™ Sound Deadening Pad	08840	19" x 19" (500mm x 500mm)	Black	Pad	N/A	N/A	<ul style="list-style-type: none"> • Conformable, self adhesive backing to be applied in floor pans, hood deck lids, etc. • OEM matching diamond pattern • Paintable
3M™ NVH Dampening Material (Noise, Vibration, Harshness)	04274	200mL	Black	Two-Part Urethane	60 min	24 hrs	<ul style="list-style-type: none"> • Ideal two-part urethane for replacing factory NVH sealants and foams • Remains pliable, yet sturdy and will not degrade • Does not expand
3M™ Flexible Foam	08463	200mL	Grey	Urethane	40 sec	1 hr	<ul style="list-style-type: none"> • Stays flexible, fills and bonds • Use to replace flexible foams in OEM applications such as trunks, door cavities, door skins and roof beams • Works well for quarter panel applications or wherever flexible factory foam is found
3M™ Rigid Pillar Foam	08458	200mL	Tan	Urethane	1 min	1 hr	<ul style="list-style-type: none"> • Rigid foam, fills and bonds • Foams in place to fill posts, pillars and automotive body cavities • Use for OEM replacement of rigid foams

Did You Know?

- You can weld through uncured 3M NVH material 04274 using squeeze type resistance spot welding equipment.
- You should never compress the replacement 3M NVH material between a door skin and door intrusion beam by allowing the weight of the door to rest on the replacement panel during the curing process as this may form “low spots” in the door skin. Allow the 3M NVH material to cure in an unrestrained condition.
- 3M NVH material 04274 is a two-part urethane offering 60 minutes of open time and is perfect for applications between roof bows, van side reinforcements and intrusion beams.
- It is best to keep as much of the OEM foam in place as possible when replacing body panels and to “butter” the OEM foam with 3M NVH material or 3M urethane seam sealer to prevent open cells in the foam from absorbing water.
- 3M heavy bodied seam sealer 08308 or 58308 can be applied to the 3M sound deadening pad 08840 and tooled to customize the appearance of the patch.



3M™ Shop Rack
02530



3M™ Manual Cartridge
Applicator 08571



3M™ Static Mixing
Nozzles 08193



3M™ Performance
Pneumatic Applicator
09930

Related Products
Learn more at 3MCollision.com

Coatings

3M™ Cavity Wax Plus

A simple and effective way to ensure corrosion protection, one of the most important parts of automotive repairs. Self-healing, non-hardening, corrosion protection for inner body panels, frame rails and structural enclosures.

- When used according to directions 3M™ Cavity Wax Plus delivers the right amount of flow and wicking, providing consistent and uniform protection for your repair
- 3M™ Cavity Wax Plus Applicator Wand Kits provide three great options (8", 24" and 34") to access hard-to-reach places when applying corrosion protection coatings

Part No.	Description	Size	Units per Case
08852	Anti-Corrosion Spray	18 oz aerosol	4
08851	Applicator Wand Kit	8", 24" and 34" tubes	-



Without protection



3M™ Cavity Wax Plus (3 coats)

1,500 hours salt spray results

Actual panel test results
ASTM B117 1,500 hours.





3M™ Weld-Thru Coating II

A sprayable, weldable, corrosion-resistant coating designed to prevent corrosion from forming between two welded metal surfaces. When applied to metal surfaces prior to welding 3M™ Weld-Thru Coating II provides corrosion protection after welding. Additionally, this product can be used to prevent corrosion on metal surfaces that will not be receiving any further treatment like body filler, primer and paint. Dries fast with minimum spatter and meets CARB aerosol coating requirements.



Part No.	Application	Color	Size	Units per Case
05917	Surface Coating	Gray	12.75 oz aerosol	6



Scotch-Brite™ Roloc™
Clean Strip XT Disc
07476



3M™ Cubitron™ II
File Belt 33437



3M™ NVH
Dampening Material
04274



3M™ Panel Bonding
Adhesive 08115

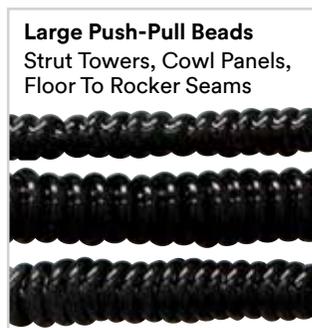
Related Products
Learn more at 3MCollision.com

Mixing and Delivery

3M™ Dynamic Mixing System (DMS)

Automatically mix and dispense the perfect amount of adhesives, sealers and body filler products. Designed to maximize productivity, reduce waste and increase profit potential.

Part No.	Description	Size	Units per Case
Fillers and Glazes			
05877	3M™ Reinforced Body Filler for DMS Milled fiberglass reinforced polyester filler that can create water resistant repairs to holes and rust in a two-component cartridge. More than twice the strength of ordinary body fillers. Can be used in conjunction with fiberglass tape, cloth or mat to repair and rebuild fiberglass materials.		
05863	3M™ Platinum™ Plus Body Filler for DMS Cartridge-based, two-component body repair material. Super creamy formula that achieves extreme adhesion to galvanized steel, aluminum, e-coat, fiberglass, SMC, cured epoxy, urethane and primers.		
05221	3M™ All Purpose Fast Cure Filler for DMS Helps increase productivity, increase profits and reduce waste, while ensuring the body repair quality you've come to expect from DMS. By mixing two-component product directly in the nozzle, the applicator quickly and easily delivers filler mixed to the perfect ratio every time.		
05859	3M™ Dent Filling Compound Body Filler for DMS, 95 degrees Warm weather filler in cartridge-based two-component body repair material. Ideal for large panel repairs.	276mL	6
05862	3M™ Platinum™ Glaze for DMS A premium cartridge-based, two-component, self-leveling glaze designed for use as a "skin" coat over sheet metal and dent repair compound.		
05857	3M™ Dent Finishing Glaze for DMS Cartridge-based, two-component, self-leveling glaze designed for use as a "skin" coat over sheet metal and dent repair compound.		
35863	3M™ Platinum™ Select Filler for DMS Designed to increase productivity in the body man process by reducing pinholes by up to 99%. Decreases primer usage by up to 30%, based on its creamy formulation that will spread, cure and sand as one of the best body fillers that 3M offers.		
Bonding Adhesives, Sealers and Coatings			
58115	3M™ Panel Bonding Adhesive for DMS Two-part epoxy used to bond steel, aluminum, SMC and FRP (traditional fiberglass). Use to replace quarter panels, roofs, box sides, van sides, utility vehicle sides and door skins.		4
57333	3M™ Impact Resistant Structural Adhesive for DMS Two-part epoxy adhesive which provides an extended work time, but can be rapidly cured with heat. Excellent adhesion to a wide variety of properly prepared automotive substrates including steel and aluminum. Intended for true structural bonding applications when specified by automotive OEMs, and is recommended for all weld-bonded and rivet-bonded joints.	450mL	2
58308	3M™ Heavy-Bodied Seam Sealer for DMS Two-part epoxy for use in vertical or horizontal seams to match OEM sealers. Non-sagging, non-flowing and easy to tool. Paintable in 30 minutes, 10 minute worktime. No shrinkage or cracking.		
58310	3M™ Bare-Metal Seam Sealer for DMS Two-part epoxy with corrosion inhibitors for use on vertical or horizontal bare metal seams. Heavy-bodied, non-sagging, non-flowing and easy tooling formulation for matching OEM seam sealer appearances. Paintable in 15 minutes, 8 minute worktime. No shrinkage or cracking.	600mL	4
55887	3M™ EZ Sand Multi Purpose Flexible Repair Material for DMS Two-part epoxy used to repair most flexible plastic parts, bumper covers and plastic body panels. This product should NOT be used with SMC/fiberglass. Easy sanding, formulated for excellent featheredge.		
55885	3M™ Rigid Parts Repair Adhesive for DMS Two-part epoxy used to repair SMC, FRP (traditional fiberglass) and other rigid plastic parts. Designed for use as filler and adhesive. Epoxy-based for easy sanding and is formulated for excellent featheredge.		



Accessories

Accessories	Part No.	Size	Features/Applications
 3M™ Flex Pack Nozzle	08188	310mL	For use with one-part flex pack seam sealers
 3M™ Dynamic Mixing Nozzles	05847	50:1	DMS nozzle for filler and related products
	55847	2:1, 1:1	DMS nozzle for adhesives, sealers and plastic repair products
 3M™ Dynamic Mixing Nozzle Extension	58207	50:1, 2:1, 1:1	Use with DMS nozzles to provide a thinner bead and to get into hard to reach areas
 3M™ Static Mixing Nozzle	08193	200mL, 400mL	3/8 in nozzle for all 200mL and 400mL products; 08194 — bulk pack (50)
	08194		
 3M™ OEM Seam Sealer Tips	08201	200mL, 400mL	Versatile assortment of five different tips that reproduce many OEM seam sealer beads used today; saves time, labor and costly redos while trying to reproduce the factory OEM seams
	08202		
	08203		
	08204		
	08205		
 3M™ OEM Seam Sealer Tip Adapter	08206	310mL	Use with Urethane Seam Sealers and MSP Seam Sealers
 3M™ Bulk Nozzle Rack	02576	200mL	Use to hold and store boxes of 08194, 08187, 05847 and 55847
 3M™ Threaded Cartridge Nozzle	08187	310mL	50 Threaded cartridge nozzles to use with single component cartridges
 3M™ Polyolefin Adhesion Promoter	05907	12 oz Aerosol	Provides excellent adhesion of filler materials to TPO type substrates (Type II); compatible with all 3M Flexible, Semi-Rigid and TPO repair products
 3M™ Shop Rack	02530	200mL, 400mL	Shop rack for all 200 and 400mL syringes — Holds 8 open or closed syringes and 2 applicator guns

Accessories

Learn more at 3MCollision.com

Accessories	Part No.	Size	Features/Applications
 3M™ Plastic Contour Sheet	04903	5" x 12'	Contour sheet to be used while creating new plastic tabs
 3M™ Reinforcement Patch	04904	5" x 12'	Use for reinforcing the backside of plastic repairs
 Dynatron™ Fiberglass Mat	688	8 sq ft	Use with 3M™ Fiberglass Resin 05833 or 3M™ Short Strand Fiberglass Reinforced Filler 05815 or 05816 to patch larger holes in metal, cracks, tears, punctures and splits in fiberglass panels
 Dynatron™ Fiberglass Cloth	699	8 sq ft	For reinforcing fiberglass and metal repairs; excellent for large repairs where extra reinforcement is needed

Applicators

Applicators	Part No.	Size	Features/Applications
 3M™ Dynamic Mixing Applicator	05846	All DMS Products	Professional pneumatic applicator to dispense DMS products
 3M™ Performance Pneumatic Applicator	09930	200mL	Pneumatic — For 200mL product
 3M™ Performance Manual Applicator	08117	200mL	Manual — For 200mL product
 3M™ Manual Cartridge Applicator	08571	200mL	Economy Line Applicator with heavy duty construction
 3M™ Performance Manual Applicator	08190	50mL	Manual applicator designed to use 1:1 and 2:1 50mL products
 3M™ Flexible Pneumatic Package Applicator	08399	310mL	Fully enclosed and pneumatic to dispense single component products
 3M™ Flexible Package Applicator	08398	310mL	A fully enclosed, all metal, rod driven, friction feed applicator gun for use with all 310mL or smaller foil flexible packages
 3M™ Single Component Cartridge Pneumatic Applicator	08990	310mL	Designed for smooth application of 310mL seam sealers

3M™ Safety Products for the Body Tech

Protecting technicians' health helps protect the whole business — when they aren't working, productivity and profitability goes down. 3M's expanded safety solution portfolio can help you protect workers: A collision repair shop's most valuable resource!

3M™ Pistonz™ Coded Earplug

Coded, push-to-fit earplugs are stylish hearing protection that feature soft foam tips with a silver metallic look and a convenient thumb-grip stem. No-roll foam makes insertion easy; simply push the earplug into the ear canal and twist to adjust the fit.



Part No.	Size	NRR*	Pairs per Box	Boxes per Case
093045- 93402	Standard Size	29 dB	100	4

3M™ PELTOR™ Optime™ 95 Behind-the-Head Earmuffs

Features low-profile earcups that fit well with most helmets, eyewear and other safety equipment. Ultra light with soft, comfortable cushions.



Part No.	Size	NRR*	Case Inner Pack	Each per Case
093045- 08062	Standard Size	21 dB	1	10

3M™ Particulate Welding Respirator, N95

Designed to help provide comfortable, reliable protection for applications such as welding, soldering, cutting, grinding and sanding. Features the 3M™ Cool Flow™ Exhalation Valve, adjustable M-noseclip and braided headband to help provide a custom and secure seal.



Part No.	Size	Each per Box	Boxes per Case
051131- 07189	Standard Size	10	8

*3M strongly recommends fit testing of hearing protectors. Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in earmuff fit, earmuff fitting skill and motivation of the user. If the NRR is used to estimate typical workplace protection, 3M recommends that the NRR be reduced by 50% or in accordance with applicable regulations.

3M™ Half Facepiece Respirator Packout with 3M™ Particulate Filters, P100

Designed for the technician who is working in applications where a respirator is required to help protect against potential exposure to grinding dust and welding fumes. The replaceable P100 filter (07184) contains a layer of activated charcoal affording a nuisance level* of relief from organic vapors in applications such as undercoating and welding fume when the potential of ozone exposure exists. Low maintenance respirator design allows the filters to be replaced and the facepiece to be maintained and reused.



Part No.	Size	Filter	Case Inner Pack	Each per Case
051131-07181	Small	07184/2097, P100	1	20
051131-07182	Medium			
051131-07183	Large			

*Concentrations not exceeding OSHA PEL, or applicable government exposure limits, whichever is lower.

3M™ H8A Headgear/WP96 Faceshield

A combination headgear and faceshield safety system. Includes H8A ratchet headgear and WP96 polycarbonate faceshield. Adjustable ratchet suspension. Molded faceshield provides impact protection from small particles. Meets the requirements of ANSI Z87.1-2010 for limited impact. Requires protective eyewear, sold separately.



Part No.	Size	Case Inner Pack	Each per Case
82783-00000	Standard Size	1	5

3M™ Virtua™ Protective Eyewear

Lightweight, unisex protective eyewear combines versatility and value with high wraparound coverage, polycarbonate construction and a hard coat, scratch-resistant lens for a comfortable, contoured fit. Meets the requirements of ANSI Z87.1-2010 for limited impact.



Part No.	Size	Color	Case Inner Pack	Each per Case
11326-00000	Standard Size	Clear frame, clear lens	1	20

⚠ WARNING: HEARING PROTECTION

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 correct use, consult supervisor and the products *User Instructions*, or call 3M Technical Service in the U.S.A. at 1-800-243-4630. In Canada, call 1-800-267-4414. If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing ear plugs. Failure to do so may result in hearing loss or injury.

⚠ WARNING: RESPIRATORS

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 29 CFR 1910.134 including 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 correct use, consult supervisor and the products *User Instructions*, or call 3M Technical Service in U.S.A. at 1-800-243-4630. In Canada, call 1-800-267-4414.



⚠ WARNING: PROTECTIVE EYEWEAR

These eye and face protection products help provide limited eye and face protection. **Misuse or failure to follow warnings and instructions may result in serious potential injury, including blindness or death.** For correct use, selection, and applications against flying particles, optical radiation and/or splash consult supervisor, and the products *User Instructions* and WARNINGS on the package, or call 3M Technical Service in the U.S.A. at 1-800-243-4630. In Canada, call 1-800-267-4414.



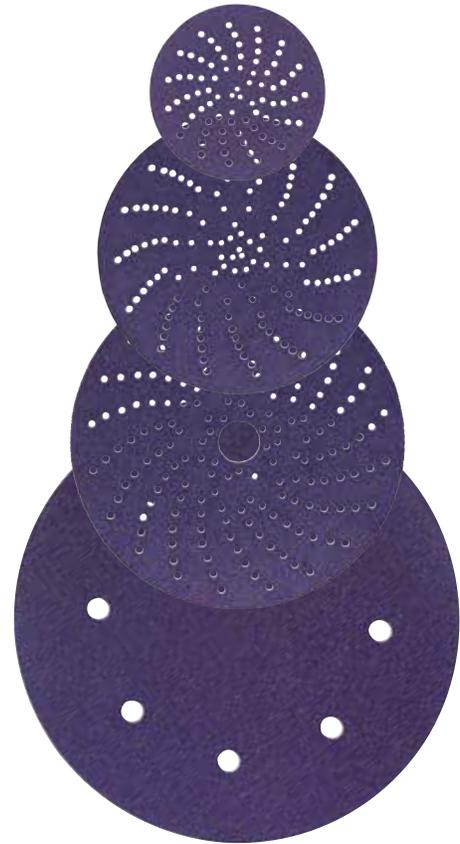
CUBITRON™ II

Body Repair Abrasives

Part Number Reference

3M™ Cubitron™ II Clean Sanding Hookit™ Abrasive Discs

Part No.	Dia.	Grade	Discs per Box	Boxes per Case
31361	3"	80+	50	4
31362		120+		
31363		150+		
31364		180+		
31461		220+		
31366	5"	80+	50	4
31367		120+		
31368		150+		
31369		180+		
31471		220+		
31370	6"	40+	25	4
31371		80+		
31372		120+		
31373		150+	50	
31374		180+		
31481	220+			
31375	8"	40+	25	4
31376		80+		



3M™ Cubitron™ II Hookit™ File Sheets

Part No.	Size	Grade	Sheets per Box	Boxes per Case
34490	2-3/4" x 16-1/2"	40+	25	4
34492		80+		
34494		120+		
34495		150+	50	
34496		180+		
34497		220+		

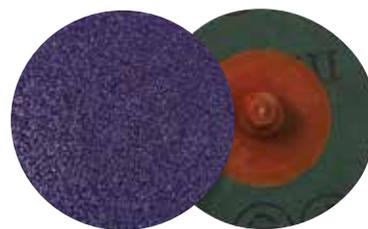


3M™ Cubitron™ II Clean Sanding Hookit™ Sheet Rolls

Part No.	Size	Grade	Rolls per Box	Boxes per Case
34440	2-3/4" x 8.75 yd	40+	1	5
34442	2-3/4" x 13 yd	80+		
34444		120+		
34445		150+		
34446		180+		
34447	220+			

3M™ Cubitron™ II Fibre Roloc™ Discs

Part No.	Dia.	Grade	Discs per Box	Boxes per Case
33377	2"	36+	15	6
33379		60+		
33380		80+		
33389	3"	36+	15	6
33391		60+		
33392		80+		



3M™ Cubitron™ II Flap Disc — T29

Part No.	Size	Grade	Discs per Box	Boxes per Case
33470	4-1/2" x 7/8"	40+	5	6
33471		60+		
33472		80+		



3M™ Cubitron™ II Cut-Off Wheels

Part No.	Dia.	Grade	Wheels per Box	Boxes per Case
33456	3" x 1/25" x 3/8"	—	5	6
33455	3" x 1/16" x 3/8"			
33460	4" x 1/25" x 3/8"			



3M™ Cubitron™ II File Belts

Part No.	W x L	Grade	Belts per Box	Boxes per Case
33437	3/8" x 13"	36+	10	5
33439		60+		
33440		80+		
33443	1/2" x 18"	36+	10	5
33445		60+		
33446		80+		
33449	3/4" x 20-1/2"	36+	10	5
33451		60+		
33452		80+		



3M™ Cubitron™ II Abrasive Fibre Discs

Part No.	Dia.	Grade	Discs per Box	Boxes per Case
33413	5" x 7/8"	36+	5	5
33415		60+		
33416		80+		
33425	7" x 7/8"	36+	5	5
33427		60+		
33428		80+		



Part Number Reference

Featured Products

3M™ Platinum™ Select Filler

Part No.	Size	Units per Case
31131	1 Gallon	4
31130	3 Gallon	1
31128	5 Gallon	1
35863	276mL DMS	6



3M™ Platinum™ Plus Finishing Glaze

Part No.	Size	Description	Units per Case
31180	30 oz	Finishing Glaze	6
03180	24 oz		
03080	16 oz		
12011	24 oz	Glaze	
05862	276mL DMS		



3M™ Dry Guide Coat

Part No.	Description	Units per Case
05860	Cartridge	10
05861	Kit	6



3M™ Panel Bonding Adhesive

Part No.	Size	Color	Units per Case
38315	50mL	Black	6
08115	200mL		
08116	200mL		
58115	450mL DMS		4



3M™ Impact Resistant Structural Adhesive

Part No.	Size	Color	Units per Case
07333	200mL	Dispenses Silver, Cures Purple	3
57333	450mL DMS		2

3M™ Cavity Wax Plus

Part No.	Size	Description	Units per Case
08852	18 oz aerosol	Anti-Corrosion Spray	4
08851	8", 24" and 34" tubes	Applicator Wand Kit	12



3M™ EZ Sand Multi Purpose Repair Material

Part No.	Size	Color	Units per Case
05887	200mL	Grey	6
55887	600mL DMS		4



3M™ Bare-Metal Seam Sealer

Part No.	Size	Color	Units per Case
08310	200mL	Beige	6
58310	600mL DMS		4



3M™ Heavy-Bodied Seam Sealer

Part No.	Size	Color	Units per Case
08308	200mL	Black	6
58308	600mL DMS		4



3M™ Flexible Bumper Patch

Part No.	Size	Color	Units per Case
05888	4" x 8"	Black	36



3M™ Super Fast Plastic Repair Adhesive

Part No.	Size	Color	Units per Case
04747	50mL	Clear	
04248		Black	6
04247	200mL	Clear	





3M

CUBITRON™ II

Body Repair Abrasives

*See for yourself at:
3MCollision.com/Bodyman

5 Reasons to switch to Cubitron™ II abrasives:

1. Cuts 30% faster* than conventional ceramic abrasives with less technician effort.
2. Lasts twice as long as other high-performance abrasives because of 3M patented technology.
3. Products run cooler than conventional abrasives, resulting in lower chance of warping the panel or degrading the metal.
4. Delivers a finer, more-uniform finish than conventional abrasives.
5. Saves time and money with improved productivity.

For information on 3M Body Repair Solutions including products, demonstration videos and associated best practices, please visit:

3MCollision.com/CubitronII

3MCollision.com/es/CubitronII

Spanish



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