3M Science.
Applied to Life.™

3M Body Repair Solutions Guide

Trusted Collision Repair Products.

3M

CUBITRON™ II

Abrasives

Now in finer grades for your body shop! `240+` `320+`

Available in discs and sheets. See pages 2–3.
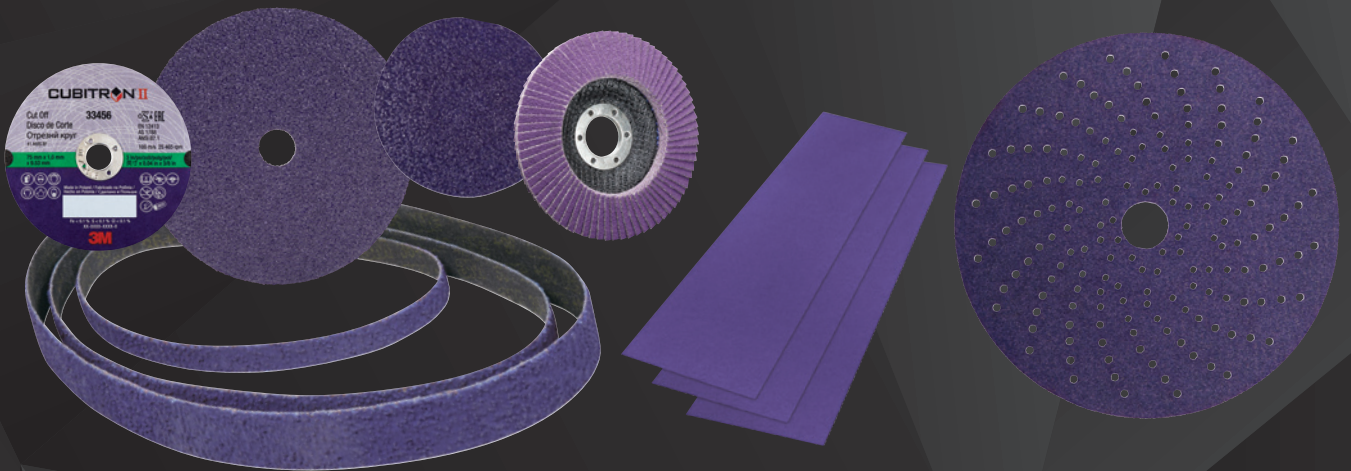
5 Reasons to switch to Cubitron™ II abrasives:

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 Runs 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.

3M technologies applied to Cubitron™ II abrasives

Ce Ceramics — 3M has decades of experience creating minerals that match hardness and toughness of the mineral to the application.

Mr Micro-replication — Microreplication allows the same mineral structure to be repeated for all 3M Precision-Shaped Grains.
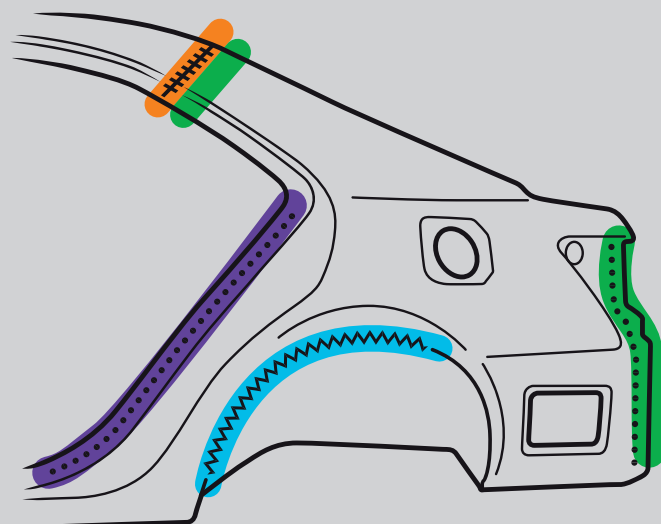
Pp Precision Processing — Precision processing deposits uniform mineral structures on the right locations, regardless of the product substrate.

Choose the right 3M product for the right application.

— Surface preparation
▬ Spot weld removal
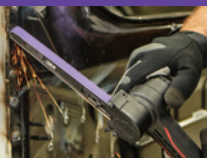▬ Weld grinding
▬ Sectioning
▬ Hem flange removal

www.3M.co.uk/bodyshop

3M CUBITRON II
Abrasive Discs, Sheets

Surface preparation

PSG

3M Precision-Shaped Grain continuously fractures to form sharp points and edges — slicing cleaner, faster, staying cooler and lasting many times longer.
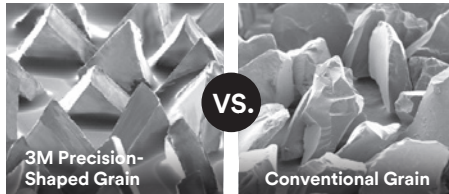
3M Precision-Shaped Grain **VS.** Conventional Grain

New finer grades: 240+ and 320+
Same cut and life you've grown to love, now in finer grades for the paint shop. Available in discs and sheets.

3M™ Cubitron™ II Hookit™ Clean Sanding Abrasive Discs 737U

Use for paint stripping, body filler sanding and feather edging. 3M Precision-Shaped Grain slices through paint and body filler, wears evenly, and provides long life and consistency. Discs utilise 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				
51626	80+			
51627	120+			
51629	150+			
51630	180+	50	4	**75mm**
51631	220+			
52026	240+			
52027	320+			
51610	80+			
51611	120+			
51612	150+			
51613	180+	50	10	**90mm**
51614	220+			
51615	240+			
51616	320+			
31366	80+			
31367	120+			
31368	150+			
31369	180+	50	4	**125mm**
31471	220+			
31472	240+			
31473	320+			
51369	80+			
51370	120+			
51421	150+			
51422	180+	50	5	**150mm**
51423	220+			
51424	240+			
51426	320+			

3M™ Cubitron™ II Hookit™ Sheets

Featuring 3M Precision-Shaped Grain technology, these ceramic abrasives cut much more efficiently than other conventional ceramic abrasives – allowing users to realise 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				
51588	80+			
51589	120+			
51590	150+	50	6	80mm x 133mm
51591	180+			
51592	220+			
51599	80+			
51600	120+			
51601	150+			
51602	180+	50	6	80mm x 400mm
51603	220+			
52023	240+			
52024	320+			
51386	80+			
51387	120+			
51388	150+			
51389	180+	50	6	70mm x 127mm
51390	220+			
51391	240+			
51393	320+			
51399	80+			
51400	120+			
51401	150+			
51402	180+	50	6	115mm x 225mm
51403	220+			
51404	240+			
51406	320+			
51411	80+			
51412	120+			
51413	150+			
51414	180+	50	6	70mm x 396mm
51415	220+			
51416	240+			
51418	320+			

For accessories, see page 20.

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
09560	3M™ Dry Guide Coat, Black	10
50416	3M™ Dry Guide Coat, Orange	10
09561	3M™ Dry Guide Coat Applicator	5
51362	3M™ Dry Guide Coat Kit, Black (2 cartridges and 1 applicator)	6 kits

3M
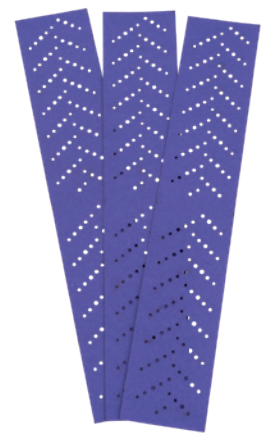
CUBITRON II
Abrasive File Belts

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 bodyshop.

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.

3M file belts are great alternatives to spot weld drilling!

Fast cut. Improved control. Ideal for hard-to-reach spots.

Part no.	Grade	W x L	Belts per box	Boxes per case
33449	36+			
33451	60+	20mm x 520mm	10	5
33452	80+			
33437	36+			
33439	60+	10mm x 330mm	10	5
33440	80+			
33443	36+			
33445	60+	12.7mm x 457.2mm	10	5
33446	80+			

For tools, see pages 10-12.

Part no.	Grade	W x L	Belts per case
64475	A CRS	12.7mm x 457.2mm	20
-	A CRS	10mm x 330mm	25

For tools, see pages 12-14

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
77257	A CRS		
77256	A MED	10mm x 330mm	40
77255	A FIN		
64475	A CRS		
66458	A MED	12.7mm x 457.2mm	20
64467	A FIN		

For tools, see page 12-14.

3M™ Mini File Belt Sander, 330mm, 33573

3M™ Body Repair File Belt Sander, 457mm, 33575

3M™ Polyurethane Seam Sealer, Grey, 310ml, 08684

3M™ Panel Bonding Adhesive, 200ml, 08115

Related products

Learn more at
www.3M.co.uk/bodyshop

Weld grinding

3M

CUBITRON II

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 Roloc™ Fibre Discs 786C

Our most advanced Roloc disc, the 3M™ Cubitron™ II Roloc™ Fibre 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+	50mm	25,000	15	6
33380	80+				
33389	36+				
33391	60+	75mm	20,000	15	6
33392	80+				

For tools, see pages 12-14. For accessories, see page 32.

3M™ Cubitron™ II Flap Discs – T27 & 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+	115mm x 22mm	5	6
33472	80+			
33476	40+			
33477	60+	100mm x 16mm	5	6
33478	80+			
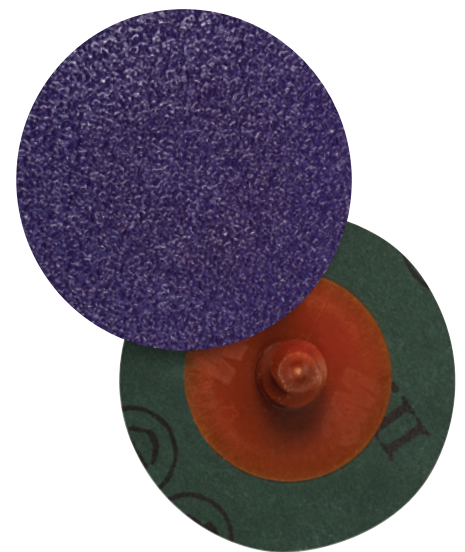
Scotch-Brite™ Clean and Strip XT Pro Extra Cut Disc - aluminium oxide

Features aluminium oxide abrasive mineral incorporated into an open nylon web. It is designed to remove heavy rust, thick paint and corrosion.

Part No.	Grade	Roloc +	Type	Size	Units per case
Roloc TR (Plastic Button)					
51908	XCRS	✓	TR	50.8mm x NH	60 (10/inner)
51909				76.2mm x NH	10
51914			TR+	100mm x 13mm	
Fibre Backed Discs-DB					
51928	XCRS			115mm x 22mm	10
Rigid Discs-RD					
51910	XCRS			115mm x 22mm	10

Scotch-Brite™ Clean and Strip XT Pro Disc - silicon carbide

Features silicon carbide abrasive mineral incorporated into an open nylon web. It effectively removes rust, paint, coatings and adhesives from surfaces without significantly altering the base material.

Part No.	Grade	Roloc +	Type	Size	Units per case
Roloc TR (Plastic Button)					
51887	XCRS	✓	TR	50.8mm x NH	60 (10/inner)
51888				76.2mm x NH	10
51893			TR+	100mm x 13mm	
Fibre Backed Discs-DB					
51880	XCRS			115mm x 22mm	10
Rigid Discs-RD					
51880	XCRS			115mm x 22mm	10

Scotch-Brite™ Roloc™ Surface Conditioning Disc

These non-woven surface conditioning discs give you a finish that can meet the highest standards of quality control. Open web construction resists loading, providing up to twice the service life of other abrasives.

Part No.	Grade	Type	Size	Discs per Box	Boxes per Case
Roloc TR (Plastic Button)					
07480	A CRS	TR	50.8mm x NH	25	4
07481	A MED				
07515	A VFN				
07485	A CRS	TR	76.2mm x NH	25	4
07486	A MED				
07513	A VFN				

3M™ Scotch-Brite™ Clean and Strip™ GP Blue Disc Mandrel

Features silicon carbide abrasive mineral incorporated into an open nylon web. It effectively removes rust, paint, coatings and adhesives from surfaces without significantly altering the base material.
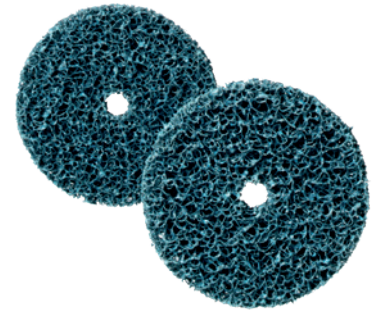
Part no.	Colour	Dimension	Units per pack	Packs per case
57013	Blue	100mm	1	10

3M™ Scotch-Brite™ Clean and Strip™ GP Blue Disc Roloc™+

Clean and Strip™ discs with a pre-attached Roloc™+ fastening which, using a Roloc™+ holder (09884), allows it to be attached to an air or electric tool. This then allows easy attachment and removal of the disc by the Roloc™+ quick release twist.
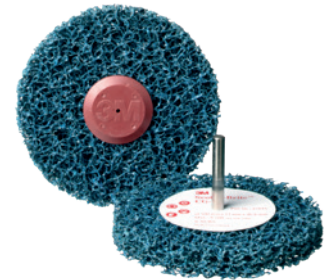
Part no.	Colour	Dimension	Units per pack	Packs per case
57018	Blue	100mm	1	10

3M™ Clean and Strip™ Mandrels

Mandrel for use with (07933/4) and (57013).

Part no.	Dimension	Units per pack	Packs per case
Mandrel for use with (07933/4) and (57013).			
07947	100mm - 6mm shaft	1	5
07948	150mm - 8mm shaft		

For tools, see pages 12-14. For accessories, see page 32.

Related products

Learn more at
www.3M.co.uk/bodyshop

3M™ Body Repair Pistol Grip Disc Sander, 50mm + 75mm, 33577

3M™ Weld Thru II Coating, 377ml, 361g, 50410

3M™ Polyurethane Seam Sealer, Grey, 310ml, 08684

3M™ Panel Bonding Adhesive, 200ml, 08115

3M CUBITRON™ II

Abrasive Discs and Wheels

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	75mm x 1mm x 9.53mm	25,465		
33455	75mm x 1.6mm x 9.53mm			
33460	100mm x 1mm x 9.53mm	19,100	5	6
33467	115mm x 1mm x 22.23mm	13,300		
33461	100mm x 1mm x 16mm	15,300		

For tools, see pages 12-14.

Related products

3M™ Mini File Belt Sander, 330mm, 33573

3M™ Body Repair File Belt Sander, 457mm, 33575

3M™ Weld Thru II Coating, 377ml, 361g, 50410

3M™ Panel Bonding Adhesive, 200ml, 08115

Learn more at
www.3M.co.uk/bodyshop

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 utilises 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.
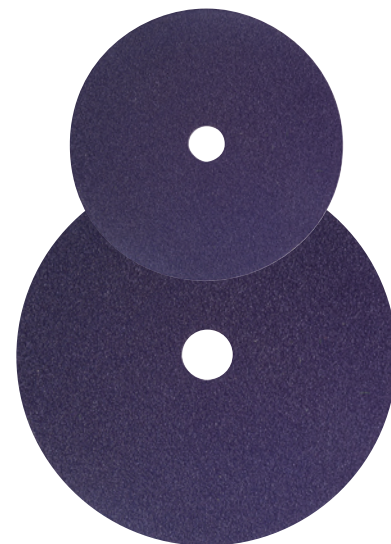
	Part no.	Grade	Diameter	Discs per box	Boxes per case
	33431	36+	190mm x 22mm	5	5
	33422	80+			
	33419	36+	125mm x 22mm	5	5
Slotted	**33421**	60+			
	33410	80+			
	33409	60+	115mm x 22mm	5	5
	33407	36+			

	Part no.	Grade	Diameter	Discs per box	Boxes per case
	33395	36+			
Standard	**33397**	60+	100mm x 22mm	5	5
	33398	80+			

For tools, see pages 12-14. For accessories, see page 32.

Related products

Learn more at **www.3M.co.uk/bodyshop**

3M™ Weld Thru II Coating, 377ml, 361g, 50410

3M™ Panel Bonding Adhesive, 200ml, 08115

3M™ Multi Purpose Flexible Repair Material / EZ Sand

A	**Sectioning**	3M™ Cubitron™ II Cut-Off Wheels
B	**Spot weld removal**	3M™ Cubitron™ II File Belts
C	**Weld grinding**	3M™ Cubitron™ II Roloc™ Fibre Discs 786C
D	**Hem flange removal**	3M™ Cubitron™ II Abrasive Fibre Discs
E	**Surface preparation**	3M™ Cubitron™ II Hookit™ Clean Sanding Abrasive Discs and Sheets

A · 3M™ Cubitron™ II Cut-Off Wheels
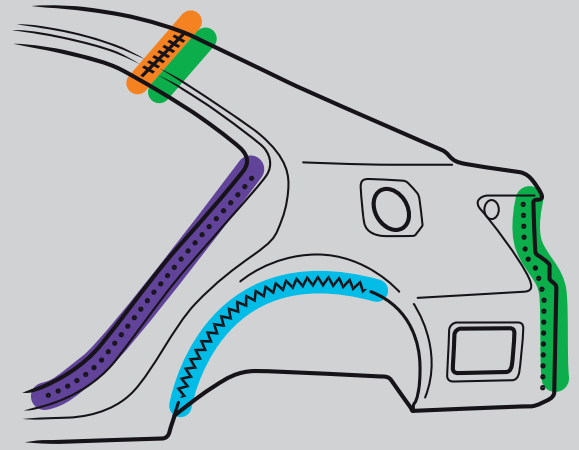
Used for cutting body panels, frame rails, exhaust pipes, sheet metal and rusted bolts. 3M™ Cubitron™ II Cut-Off Wheels are designed to deliver excellent results. Constructed with the innovative Cubitron™ technology; its triangular-shaped grain offers higher initial cut, faster cutting, longer life and cooler running performance.

B · 3M™ Cubitron™ II File Belts

3M™ Cubitron™ II Belts are ideal for grinding and spot weld removal applications. 3M's Precision-Shaped Grain technology provides improved cut, a more consistent finish with outstanding performance. Optimised metalwork performance achieved when combined with the 3M™ File Belt Sander.

C · 3M™ Cubitron™ II Roloc™ Fibre Discs

3M™ Cubitron™ II Roloc™ Fibre Discs deliver superior performance. Designed for heavy duty metal working applications such as weld grinding and clean-up. The reinforced fibre backing guarantees long disc life and an increase in cut performance.
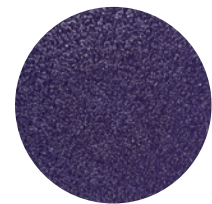
3M™ Cubitron™ II Hookit™ Abrasive Flap Discs

Combining 3M's Precision-Shaped Grain technology with a durable yet flexible backing; the 3M™ Cubitron™ II Flap Disc is an outstanding choice for rapidly removing welds, grinding edges, finishing metal and removing paint. The Cubitron™ II Flap Disc grinds and blends in a single step, offers longer life and durability for heavy grinding, runs cooler and requires less pressure than other conventional abrasive discs.

D · 3M™ Cubitron™ II Abrasive Fibre Discs

The 3M™ Precision-Shaped Grain technology used in our 3M™ Cubitron™ II Fibre Discs allows for faster cutting of welds, paint and door skin removal. When stripping paint, the improved construction resists loading while generating less heat.

E · 3M™ Cubitron™ II Hookit™ Clean Sanding Abrasive Discs 737U

3M™ Cubitron™ II Hookit™ Clean Sanding Abrasive Discs 737U offer incredibly high performance and increased productivity. Used for paint stripping, sanding body filler and feather edging. With 3M's revolutionary Precision-Shaped Grain technology, 3M™ Cubitron™ II discs slice through paint and body filler, delivering outstanding sanding performance.
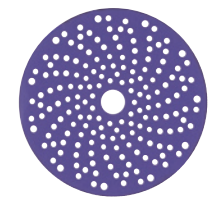
Always wear the appropriate Personal Protection Equipment (PPE).

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 330mm and 457mm sizes.

Part no.	Belt Size mm	Max. RPM	Weight kg	Height mm	Length mm	Motor hp (W)
Belt Speed: 4100 SFPM (1250 SMPM)						
33573	10 × 330	17,000	0.94	73	320	0.65 (485)
33575	13 × 457		0.98		385	

For belts, see page 4.

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 aluminium 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 75mm size.

Part no.	Wheel Size mm	Max. RPM	Thread Size	Weight kg	Height mm	Length mm	Motor hp (W)
ALWAYS USE WITH GUARD							
33579	75	20,000	28	0.87	79.6	196	0.70 (522)

For wheels, see page 9.

Related products

Learn more at
www.3M.co.uk/bodyshop

3M™ Cubitron™ II File Belt 786F, 10mm x 330mm, 36+, 33437

3M™ Cubitron™ II Cut-Off Wheel, 75mm x 1mm x 9.53mm, 33456

3M™ Cubitron™ II Roloc™ Fibre Disc 786C, 75mm, 36+, 33389

3M™ Panel Bonding Adhesive, 200ml, 08115

3M™ Pistol Grip Disc Sander

Lightweight 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 kg	Height mm	Length mm	Motor hp (W)
Use with 50mm and 75mm discs*						
33577	18,000	20	0.8	52	189	0.45 (336)

*Tool includes a 50mm and 75mm 3M™ Roloc™ Disc Pad. For discs, see pages 7-8.

Short: Direct Mount

3M™ Roloc™ Disc Pad

3M™ Roloc™ Disc or Wheel
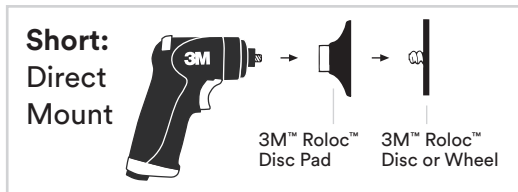
3M™ Roloc™ Disc Pad Assembly

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 50mm or 76mm 3M™ Roloc™ Disc Pad, shaft and adapter.

Part no.	Size	Max. RPM	Unit	Units per case
05539	50mm	25,000	Assembly	10
05540	76mm	20,000		

Roloc disc pad assembly converts many 127mm air sanding tools for use with Roloc abrasive discs in 50mm and 76mm sizes.

Adapter

3M™ Roloc™ Disc Pad

3M™ Roloc™ Disc or Wheel

3M™ Roloc™+ Holder

Allows use of Scotch-Brite™ Roloc™ + Clean and Strip Disc on your tool. The 6.35mm shank fits into any recommended standard tool with 6.35mm collet. Quick and easy to use.

Part no.	Size	Unit	Units per case
07500	50mm	Each	10

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™ Purple+ Handblock Multi Hole

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

Part no.	Item	Dimensions	Units per pack	Packs per case
05170	Handblock	70mm x 127mm	1	1
05171		70mm x 198mm		
05172		70mm x 396mm		
05173		115mm x 225mm		
50728	Curved Adapter Set	70mm x 127mm	1	1
50729		70mm x 198mm		

For abrasive sheets, see page 3.

Related products

Learn more at
www.3M.co.uk/bodyshop
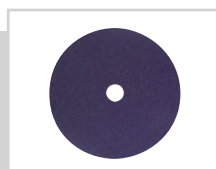
3M™ Cubitron™ II Abrasive Fibre Disc 786C, 33395

3M™ Dry Guide Coat, Black, 50g, 09560 Applicator, 09651

3M™ Panel Bonding Adhesive, 200 ml, 08115

3M™ Polyurethane Seam Sealer, Grey, 310ml, 08684

Body fillers and glazes

3M™ General Purpose Body Filler

A general purpose filler that allows easy sanding and shaping for all automotive repairs.

3M™ Heavy General Purpose Body Filler

A heavier weight filler that allows easier filling of deep panel damage and can be used prior to finishing with a light filler such as 3M™ General Purpose Body Filler or 3M™ Premium Glaze.

Part no.	Item	Format	Dimension	Units per case
51078	3M™ Heavy General Purpose Body Filler	Cartridge	1.65 L	6
51079	3M™ General Purpose Body Filler			
51080	3M™ Hardener for Body Filler		55 g	12
51081	3M™ Wall Dispenser Dispenser for Body Filler			1

Part no.	Item	Format	Dimension	Units per case
51072	3M™ Heavy General Purpose Body Filler	Can	3 L	4
51073	3M™ General Purpose Body Filler			
51074	3M™ Hardener for Body Filler	Tube	100g	12
51075	3M™ Heavy General Purpose Body Filler	Can	1 L	6
51076	3M™ General Purpose Body Filler			
51077	3M™ Hardener for Body Filler	Tube	40g	24

3M™ Premium Glaze

Provides the perfect finish, leaving a smooth and level surface ideal for sanding and primer application.

Part no.	Item	Format	Dimension	Units per case
51212	3M™ Premium Glaze	Bottle	910ml	8

Mixing and delivery

3M™ Dynamic Mixing System (DMS)

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

Part no.	Item	Format	Dimension	Units per pack	Packs per case
51002	DMS General Purpose Body Filler	Cartridge	276ml	1	6
51003	DMS Heavy General Purpose Body Filler				
51004	DMS Light General Purpose Body Filler				
51005	DMS Light General Purpose Body Filler (longer open time)				
50600	DMS Applicator				1
50601	DMS Nozzle			50	6
50604	DMS Starter Kit - 50600 Applicator, 50601 Box Nozzles, 50602 and 50603 Mounting Holders				

3M™ Platinum™ Plus Finishing Glaze

3M™ Platinum™ Plus Finishing Glaze achieves extreme adhesion to galvanised steel, aluminium, e-coat, fibreglass, 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	887ml	6

Related products

Learn more at
www.3M.co.uk/bodyshop

3M™ Dry Guide Coat, Black, 50g, 09560 Applicator, 09651
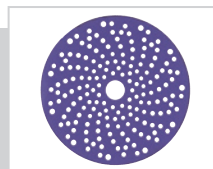
3M™ Cubitron™ II Clean Sanding Hookit™ Abrasive Disc 51426

3M™ Hookit™ Sanding Block, Dust Free 05171

3M™ Fast Cure Epoxy Metal Filler (Tin Solder Replacement)

High quality repair for sustainable quality.

The new Fast Cure Epoxy Metal Filler is suitable for surface damage, in the form of dents, deformations or welded parts. With room temperature processing, 3M™ Fast Cure Epoxy Metal Filler replaces conventional processes with flame usage removed. This lead-free product complies with current EU regulations.

Ordering information

Part no.	Description	Size	Units per pack	Packs per case
37455	3M™ Fast Cure Epoxy Metal Filler	180ml	1 cartridge + 1 nozzle	6 cartridges + 6 nozzles
51875	3M™ Static Mixing Nozzle for 37455	-	1 bag of 10 nozzles	5 bags of 10 nozzles
08984	3M™ Adhesive Cleaner	1 litre	1 bottle	12 bottles

Properties

▶ Sandable after 20 minutes with accelerated drying;
Air drying 4 hours (at 22°C) at maximum surface temperature 70°C

▶ For steel, zinc and aluminium surfaces

▶ Very good sandability and excellent corrosion protection

▶ Material can be applied to and will adhere to itself

Advantages

▶ Cost reduction through fast-drying curing process

▶ Required amount of material on demand

▶ Applied directly on the work surface

Classic tin soldering repair:

▶ Ingredients such as lead and tin are harmful to your health and do not meet the current EU regulations

▶ Processes with many individual steps provide an increased risk of error and extra cost
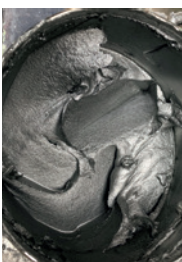
Traditional polyester filler:

▶ Polyester material is hygroscopic versus epoxy resin material => corrosion protection

▶ Epoxy material gives superior corrosion protection

▶ Manually mixing leads to excessive waste. The 3M applicator minimises waste of material.

Plastic repair

3M™ Multi Purpose Flexible Repair Material / EZ Sand

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.	Item	Colour	Size	Units per case
05887	Multi Purpose / EZ Sand	Grey	200ml	6
35887			48.5ml	
04908	Nozzle		for 48.5ml	6
08193	Nozzle		for 200ml	36

3M™ Instant Plastic Repair Patch

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

Part no.	Description	Colour	Size	Units per case
05888	Flexible Bumper Patch Kit	Black	101mm x 203mm	36
06396	Adhesion Promoter Sachet			100

Kit includes three flexible bumper patches and six adhesion promoter packets 06396.

3M™ Super Fast Plastic Repair Adhesive

3M™ Superfast Plastic Adhesive is a two-part urethane adhesive suitable to repair, rebuild, reshape and bond all kinds of plastic. Fast to cure, it can be sanded and overpainted.

Part no.	Item	Colour	Size	Work time	Units per case
55045	Superfast Plastic Adhesive	Clear	48.5ml	20 seconds	12
04748	Superfast Plastic Adhesive	Black			
34240	Superfast Plastic Adhesive	Black	48.5ml	60 seconds	12
04908	Nozzle				50

Related products

Learn more at
www.3M.co.uk/bodyshop

3M™ Crack Seal Tape, 03020

3M™ Premium Gun for 2 part cartridges, 50ml, 08190

3M™ Premium Gun for 2 part cartridges, 200ml, 08117

3M™ General Purpose Adhesive Cleaner, 1L, 08984

3M™ Flexible Parts Repair Material

3M™ Flexible Parts Repair Material (FPRM) is a two-part epoxy filler used to repair most of the plastic parts on today's vehicles. It is flexible and easy to sand. Available in either a 2 tube format for manual mixing, or a duopack cartridge which guarantees accurate and consistent mix ratios and product performance

- Easy to use
- Excellent feather edging
- Excellent sag resistance

For easy and safe application with 3M™ manual applicator (08190).

Part no.	Item	Colour	Dimension	Units per case
05900	Flexible parts repair material	Grey	2 × 150ml	6
05901	Flexible parts repair material	Grey	48.5ml	12
08198	Nozzle			60

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 as PP (polypropylene) or TPO (thermoplastic polyolefin).

3M™ Structural Plastic Adhesive

Two part urethane adhesive in a 200ml cartridge, designed for bonding, back side reinforcing and some cosmetic filling of many plastic parts. Bonds to plastic, fiberglass, ceramic, metal and most substrates. This adhesive gives a longer working time and longer drying time than 3M™ Superfast Adhesive to give more flexibility for users needing extra time.

Part no.	Item	Dimension	Units per pack	Packs per case
55047	Structural Plastic Adhesive	200ml	1	6

3M™ Plastic Filler

A polyester-based filler specifically designed for plastic repairs. A smooth, flexible product which is easy to spread and has good sandability.

Part no.	Item	Format	Dimension	Units per pack	Packs per case
51009	Plastic filler	Can	500g	1	6

3M™ Plastic Renforcement Sheet 127mm x 3.6m, 04904

3M™ Plastic Contour Sheet, 127mm x 3.6m, 04903

3M™ Polyolefin Adhesion Promoter, 200ml, 05917

3M™ Plastic Filler, 0.5kg can, 51009

Related products

Learn more at
www.3M.co.uk/bodyshop

Plastic repair guide

Plastic repair products and applications	FPRM 05900	FPRM 5901	Flexible Plastic Filler 05887	Flexible Plastic Filler 35887	SF Adhesive 55045 Clear 04748 Black	Semi-rigid Plastic Repair material 34240	Structural Plastic Adhesive 55047	Plastic Filler 51009
Size and format	2 × 150ml tubes	48.5ml Duo pack	200ml Duo pack	48.5ml Duo pack	48.5ml Duo pack	48.5ml Duo pack	200ml Duo pack	500g
Adhesive type	Epoxy	Epoxy	Epoxy	Epoxy	Urethane	Urethane	Urethane	Polyester
Work time	7 mins	7 mins	5 to 7 mins	5 to 7 mins	20 secs	60 secs	60 secs	3 mins
Sanding time	20 mins	20 mins	15 mins	15 mins	5 mins	15 mins	15 mins	45 mins
Flexible plastic repair cracks, tears holes etc in conjunction with crack seal tape or plastic repair patch	✔	✔	✔	✔	✔	✔	✔	
Flexible plastic cosmetic repair deep scratches, gouges	✔	✔	✔	✔				✔
Rigid plastic repair (SMC, fibreglass etc) cracks, tears holes etc in conjunction with crack seal tape or plastic repair patch							✔	
Rigid plastic cosmetic repair deep scratches, gouges	✔	✔					✔	✔
Quick plastic repair tabs, light clusters, trim, etc					✔			
Plastic bonding non structural							✔	

3M™ Plastic Repair Kit

Use 3M™ Plastic Repair Kit to quickly repair plastic parts such as bumper cracks or scratches. Our introductory kit is a part of our plastic repair range and includes all the materials you need to carry out a professional grade repair to most defects, to many plastic car parts.

Part no.	Colour	Units per case
50537	Black	1

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.

Part no.	Size	Colour	Chemistry	Work Time	Clamp/Handling Time	Cure Time	Units per case
08115	200ml	Black	Epoxy	90 min @ 21°C	4 hrs (may be accelerated with heat)	24 hrs	6
08116	200ml	Black	Epoxy	120 min @ 23°C	6 hrs (may be accelerated with heat)	24 hrs	

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 aluminium. Intended for true structural bonding applications when specified by automotive OEMs. Recommended for all weld-bonded and rivet-bonded joints.

Part no.	Size	Colour	Chemistry	Work Time	Clamp/Handling Time	Cure Time	Units per case
07333	200ml	Disp. Silver, Cures Purple	Epoxy	60 mins	8 hrs	24 hrs	3

Colour change feature
Curing process has begun, as indicated by silver to purple colour change (30 min at 80°C)

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 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™ Nozzles for 200 ml cartridges, 08193

3M™ Pneumatic Gun for 2 part cartridges, 09930

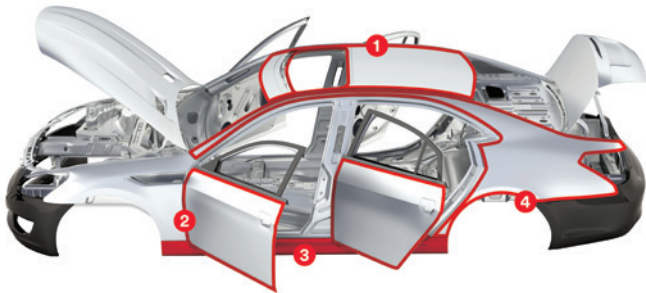3M™ Cubitron™ II Cut-Off Wheel, 75mm x 1mm x 9.53mm, 33456

Related products

Learn more at
www.3M.co.uk/bodyshop

3M™ Panel Bonding Adhesive
PN 08115 / 08116

Areas where Panel Bonding Adhesive may be used.

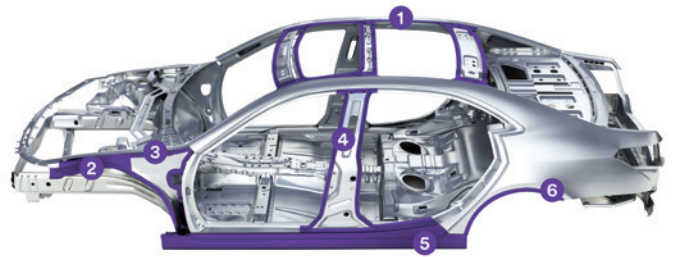|		
1 Roof Skin	**3** Sill	
2 Door Skin	**4** Quarter Panel/Truck Box/Van Side	

3M™ Impact Resistant Structural Adhesive
PN 07333

Areas where Impact Resistant Structural Adhesive may be used.

1 Roof Skin	**3** Body Side	**5** Sill
2 Front Upper/Lower Rail	**4** B Pillar/Uniside	**6** Rear Unibody/ Wheel Opening

Feature comparison

✅ 3M™ Panel Bonding Adhesive   🟣 3M™ Impact Resistant Structural Adhesive

Details	PN 08115 / 08116	PN 07333
Higher impact strength versus traditional bonding adhesives		✓
Recommended by many OEMs	✓	✓
Provides corrosion protection with lifetime warranty	✓	✓
Room temperature curing (accelerated with heat)	✓	✓
Can be weld bonded or rivet bonded within working time	✓	✓
Adheres to a wide variety of properly prepared steel and aluminium substrates	✓	✓
May be used on many plastic and composite substrates	✓	
Dispenses silver, color changes to purple to indicate proper mixing and curing process has begun		✓
Glass bead technology protects against overclamping and maintains a minimum bond line thickness	✓	✓
Has excellent shelf life opened or unopened, reducing unused product replacement costs	✓	✓

Following OEM recommendations is very important for several reasons:

Help ensure safety	Meet the adhesive standards that have been set by the OEMs to manage crash energy and help protect occupants.
Use trusted products	Use products that have been rigorously tested to the OEM's performance requirements for strength and corrosion resistance.
Mitigate risk	Help protect yourself and your business from potential liability — the vehicle was repaired as directed by the OEM.
Simplify your process	Eliminate confusion about which adhesive should be used and where. You're using the OEM recommended adhesive that is specifically called out for that procedure.
Get reimbursed	OEM recommendations, which include 3M products, enable you to provide documentation to justify correct product usage and procedures needed for safe and responsible repairs.

OEM Recommendations

🔴 3M™ Panel Bonding Adhesive   🟣 3M™ Impact Resistant Structural Adhesive

3M PN	Fiat/ Chrysler	Ford	General Motors	Honda	Hyundai/ Kia	Jaguar/ Land Rover	Nissan	Tesla	Toyota	Volvo
08115		🔴		🔴	🔴		🔴		🔴	🔴
08116	🔴		🔴							🔴
07333			🟣	🟣	🟣	🟣		🟣		🟣

This information was compiled by reviewing OEM repair manuals during 2018 and it generally represents model years 2016 to present. Repair facilities must complete their own research to validate current OEM guidelines.

For more information, visit

For Panel Bond Adhesive

For Impact Resistant Structural Adhesive

One-part seam sealers

3M™ Urethane and Seam Sealers

A high performance seam sealer ideal for sealing interior and exterior automotive and seams and joints. Adheres well to properly prepared bare metal, primer and e-coat surfaces. May be welded through using spot welding 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 odour
- Able to fill large voids
- Tack-free and paintable in 30–45 minutes
- May be used in direct to bare metal and aluminium applications

Part no.	Description	Colour	Type	Units per case	Size
3M™ Hybrid Range					
08851	3M™ Seam Sealer Sprayable	Grey	Cartridge	12	290ml
08855	3M™ Seam Sealer Caulkable	White			
3M™ Multi-Purpose Sealer					
50740	3M™ Hybrid Multi-Purpose Seam Sealer	Beige	Cartridge	9	310ml
3M™ Polyurethane Range					
08365		Beige	Cartridge		310ml
08694		Black			
08684		Grey			
08689		White			
08789	3M™ Polyurethane Seam Sealer	Black	Polyurethane sachet	12	310ml
08782		Grey			
08787		White			
08793		Black			
08783		Grey			600ml
08788		White			

Did you know?

- 3M polyurethane and seam sealers can be used to replicate OEM liquid applied sound deadener applications.

- Due to the flexibility of caulk grade 3M polyurethane and 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.

- You can weld through uncured caulk grade 3M polyurethane and seam sealers using squeeze type resistance spot welding to form a weld sealed joint.

- Many different appearances of polyurethane seam sealer can be obtained using a pneumatic applicator and some simple techniques to match OEM appearance.

Related products

Learn more at
www.3M.co.uk/bodyshop

3M™ Cubitron™ II File Belt 786F, 10mm x 330mm, 36+, 33437

3M™ Cubitron™ II Roloc™ Fibre Disc 786C, 75 mm, 36+, 33389

3M™ Pneumatic Gun for 600ml Sachets, 08007

3M™ Pneumatic Applicator for 310ml Cartridges, 08012

Two-part seam sealers

3M™ Multi Purpose Flexible Repair Material / EZ Sand

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
35887	Grey	48.5ml	6

Did you know?

- When "equalising" low viscosity two-part sealers and adhesives you should always position them upright for a few minutes and "equalise" in an upright orientation dispensing material through the mixing nozzle to avoid air bubbles and maintain proper equalisation. CAUTION: During equalisation 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 Multi Purpose 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. **Scan code to watch demo.**

Related products

3M™ Seam Sealer Tape 08475 9.5mm x 9.1m

3M™ Static Mixing Nozzles 08193

3M™ Performance Pneumatic Applicator 09930

3M™ Cubitron™ II File Belt 33437

Learn more at **www.3M.co.uk/bodyshop**

Coatings

3M™ Cavity Wax Plus

A simple and effective way to ensure corrosion protection, one of the most important parts of automotive repairs. 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 (200mm, 600mm and 860mm) to access hard-to-reach places when applying corrosion protection coatings

Part no.	Description	Size	Units per case
08852	Anti-Corrosion Spray	511g aerosol	4
08851WK	Applicator Wand Kit	200mm, 600mm and 860mm tubes	–

Without corrosion protection treatment
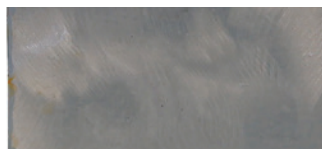
3M™ Cavity Wax Plus 08852 (3 coats)

Tested for long-term corrosion protection.

Actual test panel results after 1,500 hour salt fog exposure (ASTM B117-97*).

*http://www.astm.org/cgi-bin/resolver.cgi?B117-97

Part no.	Item	Colour	Dimension	Units per pack	Pack per case
08901	3M™ Inner Cavity Wax, Amber	Amber	500ml	1	12
08911			1L		
08909	3M™ Inner Cavity Wax, Clear	Clear	500ml	1	12
08919			1L		
08929			10L		1

Part no.	Item	Units per pack	Units per case
08997	3M™ Air-powered Applicator Wax Coating Gun	1	1
08998	3M™ Air-powered Applicator Gun		

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.

Part no.	Application	Colour	Dimension	Units per pack	Packs per case
50410	Weld Thru II Coating	Grey	377ml, 361 g	1	6

Related products

Learn more at
www.3M.co.uk/bodyshop

Scotch-Brite™ Roloc™+ Clean and Strip XT Pro Extra Cut Disc 21544

3M™ Cubitron™ II File Belt 33437

3M™ Fast Cure Epoxy Metal Filler 37455 (Tin Solder replacement)

3M™ Panel Bonding Adhesive 08115

Anti-Chip Coatings

3M™ Body Gard Textured Coatings

This rubber-based coating was developed to enable most manufacturers' stone chip finishes to be reproduced in the bodyshop. Black, white and grey coatings are available for application to any part of the car requiring stone chip protection. Medium to heavy textures can be obtained depending on the application method used.

- Excellent stone chip resistance.
- High solids.
- Can be used with the 3M™ Accuspray™ Pressurised HGP Spray Gun (16587) to replicate OEM finishes.
- Coating becomes tack free in 10–15 minutes. Can be painted with air drying and low bake paints after two hours at normal temperatures. The application of a primer is recommended.

Part no.	Item	Colour	Dimension	Units per pack	Packs per case
08868	Solvent Based Coatings	Black	1kg	1	12
08878		White			
08879		Grey			

Part no.	Item	Colour	Dimension	Units per pack	Packs per case
08881	Water Based Coatings	Black	1kg	1	12
08882		Grey			

3M™ Body Gard Coatings

Featuring the same benefits as coatings in aerosol, the Body Gard aerosol has the added benefit of reproducing the flat or textured finish that is so popular.

- Excellent stone chip resistance.
- Quick drying.
- Coating becomes tack free in 10–15 minutes. Can be painted with air drying and low bake paints after two hours drying at normal temperatures. The application of a primer is recommended.

Part no.	Item	Colour	Dimension	Units per pack	Packs per case
08158	Flat Coating Aerosol	Black	500ml	1	6
08159		Grey			

Part no.	Item	Colour	Dimension	Units per pack	Packs per case
08888	Textured Coating Aerosol	Grey	500ml	1	6

Underbody Protection

3M™ Underbody Schutz

A thick, asphalt-based product ideal for vehicle underbody coating to give both rust-proofing and sound-deadening properties.

- Flexible when dry.
- Excellent one-coat coverage.
- Touch dry in 1 hour.
- Does not sag.
- Not overpaintable.
- Various textures can be achieved by altering spray technique.

Part no.	Item	Colour	Dimension	Units per pack	Packs per case
08861	Underbody Coating	Black	1 litre	1	12
08996	3M™ Pneumatic Gun for Coating Applicator Gun	Silver		1	1

3M™ Aerosol Spray Schutz

Fast drying, rubberised protective coating, which dries to a textured finish, suitable for quick repairs to wheel arches and underbody.

- Rubberised for extra toughness and flexibility.
- Fast drying.
- Non-clog valve for even spray pattern.
- Weather resistant.

Part no.	Item	Colour	Dimension	Units per pack	Packs per case
08877	Aerosol Spray	Black	500ml	1	12

PPS™

3M™ Accuspray™ Pressurised HGP Spray Gun

The new Accuspray™ Pressurised HGP Spray Gun and PPS™ Pressure Cups are designed for high viscosity coatings.

The HGP spray gun quickly achieves many textured finishes within the automotive repair market. The gun setting allows multiple textures to be achieved in minimal time and efficiently.

Part no.	Item	Units per pack	Packs per case
16587	Pressurised HGP Spray Gun with 2.x 2.0mm and 2.x 1.8mm Atomising Heads and an Air Control Valve	1	1
16124	Large Pressure Cup 828ml		2
16121	Mini Pressure Cup 177ml		4

3M™ PPS™ Type H/O Pressure Cups

The 3M™ PPS™ Pressure Cups are designed to be used with the Accuspray™ Pressurised HGP Spray Gun. The HGP spray gun quickly achieves many textured finishes. The gun setting allows multiple textures to be achieved in minimal time and efficiently.

Part no.	Item	Units per pack	Packs per case
16124	Large 828ml Cup and Collar	1	2
16121	Mini 177ml Cup and Collar		4

3M™ Accuspray™ Atomising Heads

Replacement atomising heads for use with HG14.

Part no.	Item	Colour	Dimensions	Units per pack	Packs per case
16612		Orange	1.4mm		
16611	Atomising Heads	Clear	1.8mm	4	6
16609		Red	2.0mm		

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
- Paintable
- Centre perforation for easy door panel installation
- Conformable, self adhesive backing to be applied in floor pans, hood deck lids, etc.
- May be used in direct metal to aluminium applications

Part no.	Colour	Size	Units per case
08840	Black	500mm x 500mm	10

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

Diamond pattern

3M™ Cubitron™ II File Belt 786F, 10mm x 330mm, 36+, 33437

3M™ Panel Bonding Adhesive, 200ml, 08115

3M™ Flexible Foam 08463

Related products

Learn more at
www.3M.co.uk/bodyshop

Accessories

Accessories		Part no.	Size	Features/applications
3M™ Dynamic Mixing Nozzles (DMS)		50601	50:1	DMS nozzle for filler and related products
3M™ Nozzles for 200 ml cartridges		08193	200ml	Nozzle for all 200ml
3M™ Dynamic Mixing System Nozzle Rack		50602		
3M™ Dynamic Mixing System Applicator Rack		50603		
3M™ General Purpose Adhesive Cleaner		08984	1 Litre	
3M™ Professional Panel Wipes		34567	400 sheets per roll	Excellent absorbency. Super strength when wet or dry
3M™ Dry Guide Coat, Black		09560	50g	Contains no solvents
3M™ Dry Guide Coat, Orange		50416	50g	Requires no masking
3M™ Dry Guide Coat, Applicator		09561		Gives total coverage of surface
3M™ Dry Guide Coat, 2 Black cartridges plus 1 applicator kit		51362	50g x 1	Applicator requires no cleaning
3M™ Plastic Contour Sheet		04903	127mm x 3.6m	Contour sheet to be used while creating new plastic tabs
3M™ Reinforcement Patch		04904	127mm x 3.6m	Use for reinforcing the backside of plastic repairs

Applicators

Applicators		Part no.	Size	Features/applications
3M™ DMS Applicator		50600	All DMS products	Professional pneumatic applicator to dispense DMS products.
3M™ Manual Gun for Cartridge and Sachet		08013	310ml	Designed for hand application of sealer from 310ml cartridge or sachet and 415ml windscreen adhesive sachet.
3M™ Premium Gun for two-part cartridges		08190	48.5 / 50 ml	Twin cartridge applicator for super fast plastic adhesive, 2-part structural adhesive and flexible parts repair material.
		08117	200ml	
3M™ Standard Gun for two-part cartridges		08571	200ml	Standard manual applicator gun for two part cartridge.
3M™ Pneumatic Gun for sachets		08006	310ml and 415ml	Lightweight, well-balanced pneumatic applicator, fitted with an air-flow regulator 'dump valve' which instantly exhausts the air when the trigger is released. Designed to extrude 310ml, 415ml and 600ml collapsible aluminium foil sachets.
		08007	310ml / 415ml and 600ml	
3M™ Pneumatic Applicators for cartridges		08012	310ml	Lightweight pneumatic applicator fitted with an air-flow regulator 'dump valve' which instantly exhausts the air when the trigger is released.
3M™ Performance Pneumatic Gun for two-part cartridges		09930	200ml	The applicator is designed specifically for use with 3M 2-component cartridges. The pneumatic system is ideal for large volume dispensing. The pistol-grip handle, trigger-pull operation and airflow adjustment knob provide comfort and control.
3M™ MS Universal Sealer Gun, Pneumatic		08993		This new system allows the extrusion of all kinds of single-component sealants. By using the different nozzles supplied and easily adjusting the two regulators, it sprays the product in various finishes and creates ridges of various widths. Cartridges and sachets are used with the standard nozzles supplied with the products.
3M™ Lightweight Gun		08992		Lightweight, easy to use pneumatic applicator for one-part sprayable sealer in a cartridge. By easily adjusting the air and product regulator, it allows various spray and coating finishes from very fine to textured. Ready to use, it does not require an additional nozzle.
3M™ Pneumatic Gun for Cavity Wax 1L		08997	1 L / 1 Kg	For use with 1 litre cans of 3M™ Inner Cavity Wax coating. This special air-powered Applicator allows deeper penetration of product in inaccessible areas.
3M™ Pneumatic Gun for Coating Applicator Gun		08996		For use with 1 litre or 1 kg cans of coating.

3M™ safety products for the body tech

Please visit our website to find out more on 3M's complete Personal Protection Equipment range.

3M™ Banded Ear Plugs

Protection: Against harmful noise, especially in hot/humid conditions.
Features: Innovative flexible band concept, designed to provide optimum fit and greater comfort. Easy to put on, can be worn under the chin or behind the head for increased convenience. The plugs, which can be reordered with 3M part number (1311), are made from soft non-allergenic material. The band is designed to adjust to head and jaw movement.
Applications: When frequently entering/exiting noisy areas, or intermittent noise is present.
Approvals: Complies with European Standard EN 352-2:1993
SNR = 26dB. CE Marked.

Part no.	Item	Units per pack	Packs per case
1310	Banded Ear Plugs	10	5
1311	Replacement Plugs	20	5

3M™ PELTOR™ X Series Ear Defenders

Lightweight and slimline design makes these ear defenders comfortable to wear. Offering protection against most industrial noise and colour coded to identify the different levels of protection.

Part no.	Item	Colour	SNR	Units per pack	Units per case
X1A		Green	27dB		
X2A		Yellow	31dB		
X3A	Ear Defenders	Red	33dB	1	10
X4A		Bright Green	33dB		
X5A		Black	37dB		

*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™ Paintshop Respirator Kit

Protection: Against organic vapours and particulates.
Features: Premium quality, durable paint spray respirator with bayonet filter attachment system. Spare parts available for maintenance. Face Seal Cleaner (105) available for hygiene.
Typical Applications: Paint mixing, degreasing, application of coatings, adhesives and sealers.
Approvals: Meets EN 140 and 141/143 with bayonet filters. CE Marked.
Starter pack contains:
1 Face Piece; 2 x each Organic Vapour Cartridges (06915);
2 x each Particulate Filters – P2 (06925); 2 x each Filter Retainers (501)
10 x Face Seal Cleaners (06775).

Part no.	Item	Size	Classification	Units per pack	Units per case
06782	Starter Pack	Medium	A2P2	1	4
06783		Large			

3M™ Disposable Respirator 06920

Protection: Provides effective protection from fine lung damaging dusts and ozone up to 10 x WEL.
Features: Activated carbon layers to protect against ozone. Collapse resistant design with flame retardant shell. Robust design with adjustable straps.
Approvals: Meets EN 149:2001. CE Marked.

Part no.	Item	Type	Classification	Units per pack	Packs per case
06920	Disposable Respirator	Valved	FFP2	5	4

3M™ Aura™ Particulate Respirators

Protection: provides effective protection from fine dusts/mists.
Features: Three panel design providing optimal soft and secure feel on face, designed for excellent compatibility with 3M eyewear, well balanced pressure of head straps, soft nose foam and adjustable nose clip. The valved version has an exhalation valve which helps provide added comfort and heat reduction for hot and humid work environments.
Typical applications: hand and machine sanding and grinding operations. Valved versions especially in hot or humid conditions.
Approvals: meets EN 149:2001. CE Marked.

Part no.	Item	Type	Classification	Units per pack	Units per case
06910+	Flat Fold Particulate Respirator	Unvalved	FFP1	20	6
06923+		Valved	FFP2	10	
06933+			FFP3		

3M™ G500 Headgear

Provides a versatile and comfortable solution for wearers who require both face and hearing protection. The G500V5FH combines a PELTOR™ Optime™ I Ear Muff with a clear PC faceshield for B rated impact protection (EN166) with a wide field of view.

Part no.	Item	Colour	SNR	Units per pack	Packs per case
G500V5FH	Combination headgear	Hi-Viz yellow	27 dB	1	10

3M™ Comfort Safety Goggles

The Comfort Safety Goggles feature a modern, slim design and are available with two different lens options using either an acetate or polycarbonate lens. They are suitable for a number of different applications where a versatile, comfortable goggle is required.

Part no.	Item	Units per pack	Packs per case
2890S	Polycarbonate Goggles for grinding and sanding (B rated, EN 166)	1	10
2890SA	Acetate Goggles for paint mixing and spraying (F rated, EN 166)		

3M™ SecureFit™ SF400 Series Protective Eyewear

Featuring the 3M Pressure Diffusion Temple Technology which provides superior levels of comfort and security of fit. In addition, the SF400 series includes a number of design features which further increase comfort and allow for a more personalised fit. Weighing just 19g, this is one of the lightest models of protective eyewear available. Approvals: EN 166:2001. CE Marked.

Part no.	Item	Lens colour	Units per pack	Packs per case
SF401AF-EU		Clear		
SF402AF-EU	Protective Spectacles	Grey	20	20
SF403AF-EU		Amber		

Health and safety

Bodyshop repair processes can produce respiratory, hearing and eye hazards. Control measures (such as PPE) should be considered to protect against such hazards.*

Suggested PPE includes:

● 3M Respirators   ● 3M Hearing Protection   ● 3M Eye Protection

*It is ultimately the responsibility of the employer to select the most appropriate control measures, which could include Personal Protective Equipment (PPE) based on a full risk assessment.

Standard Operating Procedures (SOPs)

Process for success

From metal and plastic repair, to sanding, paint finishing and car clean-up, 3M has the products and repair processes for you. Feel confident your repair is done professionally and efficiently by using our Standard Operating Procedures. These procedures will help you consistently produce quality, time-proven solutions for any of your collision repair needs, including:

Standard Operating Procedures

for Collision Repair

3M Automotive Aftermarket Division
May 2016

- Body Repair
- Bumper Repair
- Sealers and Coatings
- Paint Finishing and Detailing
- Masking
- Paint Preparation
- Painting
- Heavy Duty Trucks

For Standard Operating Procedures, visit

www.3M.co.uk/bodyshop

Part number reference

3M™ Cubitron™ II Hookit™ Clean Sanding Abrasive Discs 737U

Part no.	Grade	Discs per box	Boxes per case	Dia.
Use with Festool Disc Pads				
51626	80+			
51627	120+			
51629	150+			
51630	180+	50	4	**75mm**
51631	220+			
52026	240+			
52027	320+			
51610	80+			
51611	120+			
51612	150+			
51613	180+	50	10	**90mm**
51614	220+			
51615	240+			
51616	320+			
31366	80+			
31367	120+			
31368	150+			
31369	180+	50	4	**125mm**
31471	220+			
31472	240+			
31473	320+			
51369	80+			
51370	120+			
51421	150+			
51422	180+	50	5	**150mm**
51423	220+			
51424	240+			
51426	320+			

New finer grades: 240+ and 320+

Same cut and life you've grown to love, now in finer grades for the paint shop. Available in discs and sheet rolls.
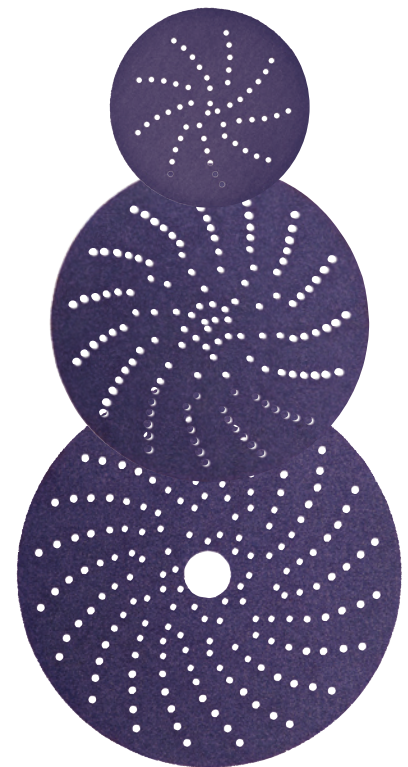
3M™ Dry Guide Coat

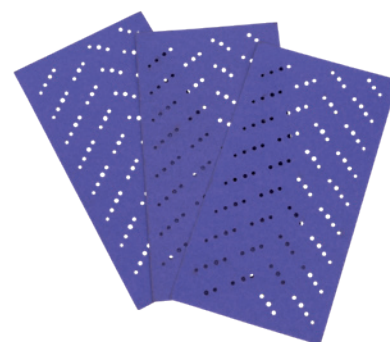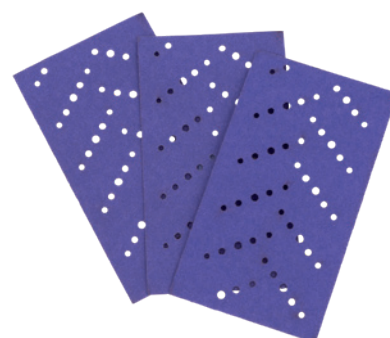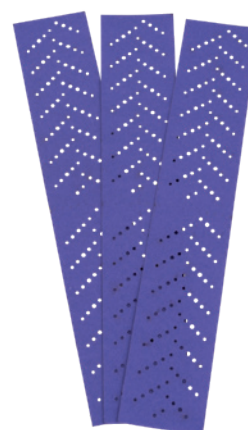| Part no.	Description	Units per case
09560	3M™ Dry Guide Coat, Black	10
50416	3M™ Dry Guide Coat, Orange	10
09561	3M™ Dry Guide Coat Applicator	5
51362	3M™ Dry Guide Coat Kit, Black (2 cartridges and 1 applicator)	6 kits

3M™ Cubitron™ II Hookit™ Sheets

Part no.	Grade	Sheets per box	Boxes per case	Size
Use with 3M™ Hookit™ Sanding Blocks				
51588	80+			
51589	120+			
51590	150+	50	6	80mm x 133mm
51591	180+			
51592	220+			
51599	80+			
51600	120+			
51601	150+			
51602	180+	50	6	80mm x 400mm
51603	220+			
52023	240+			
52024	320+			
51386	80+			
51387	120+			
51388	150+			
51389	180+	50	6	70mm x 127mm
51390	220+			
51391	240+			
51393	320+			
51399	80+			
51400	120+			
51401	150+			
51402	180+	50	6	115mm x 225mm
51403	220+			
51404	240+			
51406	320+			
51411	80+			
51412	120+			
51413	150+			
51414	180+	50	6	70mm x 396mm
51415	220+			
51416	240+			
51418	320+			

3M™ Cubitron™ II File Belts

Part no.	Grade	W x L	Belts per box	Boxes per case
33449	36+			
33451	60+	20mm x 520mm	10	5
33452	80+			
33437	36+			
33439	60+	10mm x 330mm	10	5
33440	80+			
33443	36+			
33445	60+	12.7mm x 457.2mm	10	5
33446	80+			
64475	A CRS	12.7mm x 457.2mm	20	
-	A CRS	10 × 330mm	25	

Scotch-Brite™ Durable Flex Belt

Part No.	Grade	W x L	Belts per Case
77257	A CRS		
77256	A MED	10mm x 330mm	40
77255	A FIN		
64475	A CRS		
66458	A MED	12.7mm x 457.2mm	20
64467	A FIN		

3M™ Cubitron™ II Roloc™ Fibre Discs 786C

Part no.	Grade	Dia.	Max. RPM	Discs per box	Boxes per case
Roloc TR (Plastic Button)					
33377	36+				
33379	60+	50mm	25,000	15	6
33380	80+				
33389	36+				
33391	60+	75mm	20,000	15	6
33392	80+				

3M™ Cubitron™ II Flap Discs – T27 and T29

Part no.	Grade	Dia.	Discs per box	Boxes per case
33470	40+			
33471	60+	115mm x 22mm	5	6
33472	80+			
33476	40+			
33477	60+	100mm x 16mm	5	6
33478	80+			

Scotch-Brite™ Clean and Strip XT Pro Extra Cut Disc - aluminium oxide

Part No.	Grade	Roloc +	Type	Size	Units per case
Roloc TR (Plastic Button)					
51908			TR	50.8mm x NH	60 (10/inner)
51909	XCRS	✓		76.2mm x NH	
51914			TR+	100mm x 13mm	10
Fibre Backed Discs-DB					
51928	XCRS			115mm x 22mm	10
Rigid Discs-RD					
51910	XCRS			115mm x 22mm	10

Scotch-Brite™ Clean and Strip XT Pro Disc - silicon carbide

Part No.	Grade	Roloc +	Type	Size	Units per case
Roloc TR (Plastic Button)					
51887			TR	50.8mm x NH	60 (10/inner)
51888	XCRS	✓		76.2mm x NH	
51893			TR+	100mm x 13mm	10
Fibre Backed Discs-DB					
51880	XCRS			115mm x 22mm	10
Rigid Discs-RD					
51880	XCRS			115mm x 22mm	10

Scotch-Brite™ Roloc™ Surface Conditioning Disc

Part No.	Grade	Type	Size	Discs per Box	Boxes per Case
Roloc TR (Plastic Button)					
07480	A CRS				
07481	A MED	TR	50.8mm x NH	25	4
07515	A VFN				
07485	A CRS				
07486	A MED	TR	76.2mm x NH	25	4
07513	A VFN				

3M™ Scotch-Brite™ Clean and Strip™ GP Blue Disc Mandrel

Part no.	Colour	Dimension	Units per pack	Units per case
57013	Blue	100mm	1	10
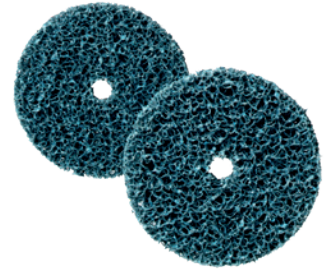
3M™ Scotch-Brite™ Clean and Strip GP Blue Disc Roloc™+

Part no.	Colour	Dimension	Units per pack	Units per case
57018	Blue	100mm	1	10
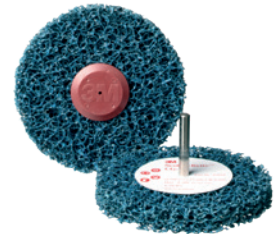
3M™ Cubitron™ II Cut-Off Wheels

Part no.	Size	Max. RPM	Wheels per box	Boxes per case
ALWAYS USE WITH GUARD				
33456	75mm x 1mm x 9.53mm	25,465		
33455	75mm x 1.6mm x 9.53mm			
33460	100mm x 1mm x 9.53mm	19,100	5	6
33467	115mm x 1mm x 22.23mm	13,300		
33461	100mm x 1mm x 16mm	15,300		

3M™ Cubitron™ II Abrasive Fibre Discs

	Part no.	Grade	Diameter	Discs per box	Boxes per case
	33431	36+	190mm x 22mm	5	5
Slotted	33422	80+	125mm x 22mm	5	5
	33419	36+			
	33421	60+			
	33410	80+	115mm x 22mm	5	5
	33409	60+			
	33407	36+			
Standard	33395	36+	100mm x 22mm	5	5
	33397	60+			
	33398	80+			

3M™ Heavy General Purpose Body Filler

Part no.	Item	Format	Dimension	Units per case
51078	3M™ Heavy General Purpose Body Filler	Cartridge	1.65 L	6
51079	3M™ General Purpose Body Filler			
51080	3M™ Hardener for Body Filler		55 g	12
51081	3M™ Wall Dispenser Dispenser for Body Filler			1

Part no.	Item	Format	Dimension	Units per case
51072	3M™ Heavy General Purpose Body Filler	Can	3 L	4
51073	3M™ General Purpose Body Filler			
51074	3M™ Hardener for Body Filler	Tube	100g	12
51075	3M™ Heavy General Purpose Body Filler	Can	1 L	6
51076	3M™ General Purpose Body Filler			
51077	3M™ Hardener for Body Filler	Tube	40g	24

3M™ Premium Glaze

Part no.	Item	Format	Dimension	Units per case
51212	3M™ Premium Glaze	Bottle	910ml	8

3M™ Dry Guide Coat

Part no.	Description	Units per case
09560	3M™ Dry Guide Coat, Black	10
50416	3M™ Dry Guide Coat, Orange	10
09561	3M™ Dry Guide Coat Applicator	5
51362	3M™ Dry Guide Coat Kit, Black (2 cartridges and 1 applicator)	6 kits

3M™ Panel Bonding Adhesive

Part no.	Size	Colour	Chemistry	Work time	Clamp/handling time	Cure time	Units per case
08115	200ml	Black	Epoxy	90 min @ 21°C	4 hrs (may be accelerated with heat)	24 hrs	6
08116	200ml	Black	Epoxy	120 min @ 21°C	8 hrs (may be accelerated with heat)	24 hrs	

3M™ Impact Resistant Structural Adhesive

Part no.	Size	Colour	Chemistry	Work time	Clamp/handling time	Cure time	Units per case
07333	200ml	Disp. Silver, Cures Purple	Epoxy	60 mins	8 hrs	24 hrs	3

3M™ Cavity Wax Plus

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

Part no.	Item	Colour	Dimension	Units per pack	Packs per case
08901	3M™ Inner Cavity Wax, Amber	Amber	500ml	1	12
08911			1L		
08909	3M™ Inner Cavity Wax, Clear	Clear	500ml	1	12
08919			1L		
08929			10L		1

Part no.	Item	Units per pack	Packs per case
08997	3M™ Air-powered Applicator Wax Coating Gun	1	1
08998	3M™ Air-powered Applicator Gun		

3M™ Weld-Thru Coating II

Part no.	Application	Colour	Dimension	Units per pack	Packs per case
50410	Surface Coating	Grey	377ml, 361 g	1	6

3M™ Multi Purpose Flexible Repair Material / EZ Sand

Part no.	Colour	Size	Units per case
05887	Grey	200ml	6
35887		48.5ml	

3M™ Instant Plastic Repair Patch

Part no.	Description	Colour	Size	Units per case
05888	Flexible Bumper Patch	Black	101mm x 203mm	36
06396	Adhesion Promoter Sachet			100

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

3M™ Super Fast Plastic Repair Adhesive

Part no.	Colour	Work time	Size	Units per case
55045	Clear	20 seconds	48.5ml	12
04748	Black	20 seconds		
34240	Black	60 seconds		

Notes

3M
CUBITRON™ II
Body Repair Abrasives

See for yourself at:
www.3M.co.uk/bodyshop

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 its innovative Precision-Shaped Grain 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 our website.

3M supplies products for every step of the car repair process, helping to increase efficiency, productivity and profitability.