



Sandpaper Product Guide

- Premium Automotive Aftermarket Quality
- Complete Selection of Hand & Power Sanding Accessories
- Excellent Value



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About AutoBody Master Sandpaper



Below is a brief description of the components that go into producing high quality coated abrasives. The AutoBody Master Brand Sandpaper is made using premium raw materials for high performance and durability. All of these products are well suited for commercial and industrial applications.

Manufacturing coated abrasives employs the use of two coating operations to bond the abrasives to the paper or cloth. For some products, a stearate coating is added so that the abrasive will cut cooler and last longer.

Make Coat (the 1st application) is a base coat used as a primary bond between the grit and the paper or cloth.

Size Coat (the secondary application) is the top coat applied to fill in around the grit and secure the grain to the backing.

Stearate Coat (oversize coat) special zinc stearate coating maximizes resistance to clogging and loading and allows the abrasive to cut cooler.

Grit

Aluminum Oxide (A/O) - A man-made synthetic material which has good overall properties for use in a wide range of abrasive applications. Preferred for power tool sanding because of its durability.

Silicon Carbide (S/C) - A man-made synthetic grain which is very sharp. Preferred for automotive paint preparation and is well suited for wet or dry sanding.

Backing

Paper

A-wt - Light-weight paper used only on very fine grits. Hand sanding only.

B-wt - Light-weight paper for wet or dry sanding. Hand sanding only.

C-wt - Medium-weight paper for sheets and discs. Hand and power sanding.

D-wt - Medium-weight paper for sheets and discs. Hand and power sanding.

F-wt - Heavy-weight paper for discs and belts. Power sanding only

Bond

Glue - Low strength water-based adhesive.

Urea Resin - Medium strength urea-based adhesive.

Phenolic Resin - High strength phenolic-based adhesive.

Epoxy Resin - High strength solvent-based phenolic waterproof adhesive.

Automotive Refinishing

There are many different products that make up the offering of abrasives used in the body shops around the world. The professionals that work in this field have their own procedure to handle the types of repair projects that come into their shops. The following list includes common automotive repair jobs and the abrasives that are typically used from the beginning to the end of the project.

Helpful Tools

Equipment like dual action sanders, drills and body file boards can aid in achieving excellent results with less physical energy. However, hand sanding is commonly used throughout these processes. Sanding blocks are commonly recommended to achieve consistent results and keep scratches to a minimum.

Repairing Scratches, Stone Chips and other minor imperfections

Once the area has been cleaned, the sanding process begins: Feather edge the defect (scratch). There are a number of products that can be used. 5" or 6" PSA Gold Discs 180-400 grit; 5-1/2" x 9" anti-clog 220-320; 5-1/2" x 9" waterproof 220-400. Finish the feather edging process with the closest grit of sandpaper that your primer recommends.

The next step is to prime the area being repaired: Apply primer slightly beyond the feather edge area and higher than the surrounding areas. Level the surface with Waterproof 320-400 grit; Sanding Sponges - Fine; clean up with Maroon non-woven finishing pad. Repeat the process if necessary. Finish sand the area with the closest grit of sandpaper that your color recommends.



The vehicle is now ready to be painted. After painting, sanding with ultra fine grits and using various compounds and polishes can remove defects and flatten the surface, producing a finer finish. The final sanding of the vehicle should be done using 5-1/2" x 9" waterproof 1000-1500 grit for finesse sanding of surface imperfections in enamels, acrylics or clear coats. 5-1/2" x 9" waterproof sheets are available up to 2000 grit.

Fixing deep rust spots

Remove the rust. This major problem is very common for the body shop to deal with and abrasives play a significant role in restoration. Grind the area down to the base metal around the affected areas, removing the rust. Once you start to see shiny metal, stop. 5" and 6" PSA Gold discs - 40 grit; Resin Fiber Discs 36-50 grit; Body File Strips 36 or 40 grit are used to give fast aggressive cutting action.

Sandpaper Application Chart



If the rust or grinding action has created a hole in the sheet metal, often, a piece of mesh/screen or metal is used to help bridge the hole. After this has been secured to the vehicle, use body filler to rebuild the damaged area. Reshape with Body File Strips 40-80-180 grit; 5-1/2" x 9" anti-clog 80-120-180 grit; 5" or 6" PSA Gold discs 80-120-180; Sanding Sponges Medium-Fine. For the best results, sand in stepped progression to blend and level the body filler to the original surface shape. Feather edge with the medium and fine grit papers to prepare for priming.



The next step is to prime the area being repaired: Apply primer slightly beyond the repair area and higher than the surrounding areas. Level the surface with Waterproof 320-400 grit; Sanding Sponges - Fine. Repeat the process if necessary. Finish sand the area with the closest grit of sandpaper that your color recommends.

The vehicle is now ready to be painted. After painting, sanding with ultra fine grits and using various compounds and polishes can remove defects and flatten the surface, producing a better looking finish. The final sanding of the vehicle should be done using 5-1/2" x 9" waterproof 1000-1500 grit for finesse sanding of surface imperfections in enamels, acrylics or clear coats. 5-1/2" x 9" waterproof sheets are available up to 2000 grit.

Repairing Dents

After the dents have been hammered out, the paint must be removed down to the bare metal. Use 5" and 6" PSA Gold discs - 40 grit; Resin Fiber Discs 36-50 grit; Body File Strips 36-40 grit.

Body filler is used to fill in the dented area on the vehicle. Sand with Body File Strips 40-80-180 grit; 5-1/2" x 9" Anti-clog 80-120-180 grit; 5" or 6" PSA Gold discs 80-120-180; Sanding Sponges Medium-Fine; For the best results, once again sand in progression to blend and level the body filler. Feather edge with the medium and fine grit papers to prepare for priming.



The next step is to prime the area being repaired: Apply primer slightly beyond the repair area and higher than the surrounding areas. Level the surface with Waterproof 320-400 grit; Sanding Sponges - Fine. Repeat the process if necessary. Finish sand the area with the closest grit of sandpaper that your paint recommends.

The vehicle is now ready to be painted. After painting, sanding with ultra fine grits and using various compounds and polishes can remove defects and flatten the surface, producing a better looking finish. The final sanding of the vehicle should be done using 5-1/2" x 9" waterproof 1000-1500 grit for finesse sanding of surface imperfections in enamels, acrylics or clear coats. 5-1/2" x 9" waterproof sheets are available up to 2000 grit.

Remember, always sand in progression from coarse to finest grits.

AutoBody Master Abrasives Commitment

- Premium paper for finishing as well as heavy stock removal.
- Durable aluminum oxide and silicon carbide grain deliver a fast, exceptionally long lasting cut.
 - High strength resin bonding provides superior grain support.
 - Special stearate coating maximizes resistance to clogging and loading.
- Uniform, semi open coat design produces even, consistent scratch pattern.

Packaged 5-1/2" x 9" Sandpaper



Waterproof Sandpaper - Silicon Carbide

Description	Sku #	UPC	Pack	Case
1500 grit (6 Sheets)	151500	61690500372 7	5	50
1200 grit (6 Sheets)	151200	61690500373 4	5	50
1000 grit (6 Sheets)	151000	61690500374 1	5	50
600 grit (6 Sheets)	15600	61690500375 8	5	50
400 grit (6 Sheets)	15400	61690500376 5	5	50
320 grit (6 Sheets)	15320	61690500377 2	5	50
220 grit (6 Sheets)	15220	61690500378 9	5	50

Features:

- Premium heavy duty, quality latex paper, C & D weight
- High quality grain provides fine scratch pattern for improved finish
- Finishing grits are ideal for nib sanding - to remove dirt and imperfections from paint surfaces
- Premium resin coated to resist heat and humidity



Anti-Clog Gold Sandpaper - Aluminum Oxide

Description	Sku #	UPC	Pack	Case
320 grit (6 Sheets)	16320	61690500379 6	5	50
220 grit (6 Sheets)	16220	61690500380 2	5	50
120 grit (6 Sheets)	16120	61690500381 9	5	50
80 grit (6 Sheets)	16080	61690500382 6	5	50

Features:

- Premium heavy duty, professional quality paper, C & D weight
- Premium Aluminum Oxide for fast long lasting cut
- Premium resin coated to resist heat and humidity
- Stearate coating and open coat structure lubricates and resists loading

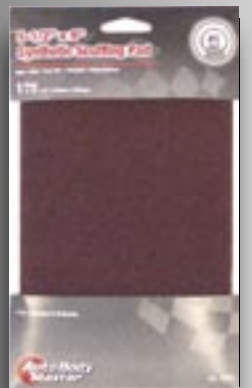


Non-woven Hand Pads

Description	Sku #	UPC	Pack	Case
Maroon Pad (1 Sheet)	19447	61690500392 5	5	50
Green Pad (1 Sheet)	19448	61690500393 2	5	50

Features:

- Synthetic fiber impregnated with abrasive grain for surface conditioning without damage to or removal of base material
- Excellent for removing surface coatings, discolorations and general cleaning
- Non-woven webs can be used wet or dry



6" Gold Anti-clog - Aluminum Oxide

Features:



- Premium heavy duty, professional quality paper, C & D weight
- Premium Aluminum Oxide grain provides fast removal rates and long lasting performance
- Premium resin coated to resist heat and provides superior grain support
- Special stearate coating prevents clogging and loading

Description	SKU #	UPC	Pack	Case
400 grit (6 Discs)	12400	61690500353 6	5	50
320 grit (6 Discs)	12320	61690500354 3	5	50
220 grit (6 Discs)	12220	61690500355 0	5	50
180 grit (6 Discs)	12180	61690500356 7	5	50
120 grit (6 Discs)	12120	61690500357 4	5	50
80 grit (6 Discs)	12080	61690500358 1	5	50
40 grit (5 Discs)	12040	61690500359 8	5	50

6" Gold Anti-clog - Aluminum Oxide

Features:



- Premium heavy duty, professional quality paper, C & D weight
- Premium Aluminum Oxide grain provides fast removal rates and long lasting performance
- Premium resin coated to resist heat and provides superior grain support
- Special stearate coating prevents clogging and loading

Description	SKU #	UPC	Pack	Case
400 grit (25 Discs)	13400	61690500360 4	5	20
320 grit (25 Discs)	13320	61690500361 1	5	20
220 grit (25 Discs)	13220	61690500362 8	5	20
180 grit (25 Discs)	13180	61690500363 5	5	20
120 grit (25 Discs)	13120	61690500364 2	5	20
80 grit (25 Discs)	13080	61690500365 9	5	20
40 grit (20 Discs)	13040	61690500366 6	5	20

5" Gold Anti-clog - Aluminum Oxide

Features:



- Premium heavy duty, professional quality paper, C & D weight
- Premium Aluminum Oxide grain provides fast removal rates and long lasting performance
- Premium resin coated to resist heat and provides superior grain support
- Special stearate coating prevents clogging and loading

Description	SKU #	UPC	Pack	Case
320 grit (25 Discs)	14320	61690500367 3	5	20
220 grit (25 Discs)	14220	61690500368 0	5	20
180 grit (25 Discs)	14180	61690500369 7	5	20
120 grit (25 Discs)	14120	61690500370 3	5	20
80 grit (25 Discs)	14080	61690500371 0	5	20

Body File Strips/ Aluminum Oxide



Body File Strips - PSA

Description	Skus #	UPC	Pack	Case
180 grit (6 Sheets)	17180	61690500383 3	5	20
80 grit (6 Sheets)	17080	61690500384 0	5	20
40 grit (5 Sheets)	17040	61690500385 7	5	20

Features:

- For use on straight line sanders and hand files with PSA design
- Premium Aluminum Oxide grain provides fast removal rates and long lasting performance
- Premium resin coated to resist heat and provides superior grain support
- Special stearate coating prevents clogging and loading



9" x 11" Aluminum Oxide

Description	Skus #	UPC	Pack	Case
100 grit (5 Sheets)	10100	61690500347 5	10	100
60 grit (4 Sheets)	10060	61690500348 2	10	100

Features:

- Premium heavy duty, professional quality paper, C & D weight
- Design for hand and power tool sanding
- Premium resin coated to resist heat and humidity
- Use on metal, fiberglass and painted surfaces



3-2/3" x 9" Aluminum Oxide

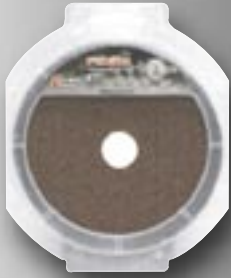
Description	Skus #	UPC	Pack	Case
150 grit (6 Sheets)	11150	61690500349 9	10	100
100 grit (6 Sheets)	11100	61690500350 5	10	100
60 grit (6 Sheets)	11060	61690500351 2	10	100

Features:

- Premium heavy duty, professional quality paper, C & D weight
- Design for hand and power tool sanding
- Premium resin coated to resist heat and humidity
- Use on metal, fiberglass and painted surfaces



Resin Fiber Discs



Features:

- Vulcanized fiber construction for heavy duty sanding
- Closed coat structure for aggressive stock removal
- Premium resin coated to resist heat and humidity
- Use on metal, fiberglass painted surfaces

Description	Sku #	UPC	Pack	Case
5" x 7/8" 50 Grit (3pk)	19550	01690500388 8	5	50
5" x 7/8" 36 Grit (3pk)	19536	61690500389 5	5	50
7" x 7/8" 50 Grit (3pk)	19750	61690500390 1	5	50
7" x 7/8" 36 Grit (3pk)	19736	61690500391 8	5	50

Cut Off Wheels



Features:

- Type 1 shape for square, burn-free cutting
- Reinforced with fiberglass to provide safe cutting with a thin wheel
- Hard bond for aggressive cutting on rough applications
- Fast cutting with long life

Description	Sku #	UPC	Pack	Case
3" x 1/16" Metal (5pk)	18316	61690500386 4	5	10
4-1/2" x 1/16" Metal (1pk)	18416	61690500387 1	5	20
Arbor & Blades	19001	61690500395 6	3	10

Sanding Sponges/ Blocks



Features:

- Flexible sponge with abrasive grain for flat, curved or contoured surfaces
- Designed to be used wet or dry
- Maximum versatility for many applications
- Use on metal, fiberglass and painted surfaces

Description	Sku #	UPC	Pack	Case
3" x 5" x 1" Medium	19080	61690500397 0	5	50
3" x 5" x 1" Fine	19120	61690500398 7	5	50
5" Rubber Block	19002	61690500396 3	3	10

Accessories



Features:

- Threaded pads for dual action sanders
- 1/4" shank
- For use with PSA backed sanding discs

Description	Sku #	UPC	Pack	Case
6" DA Disc Kit	19000	61690500394 9	2	10