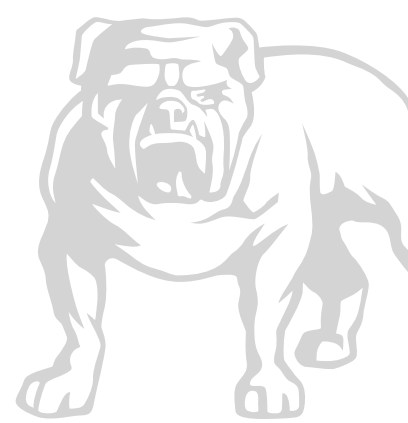
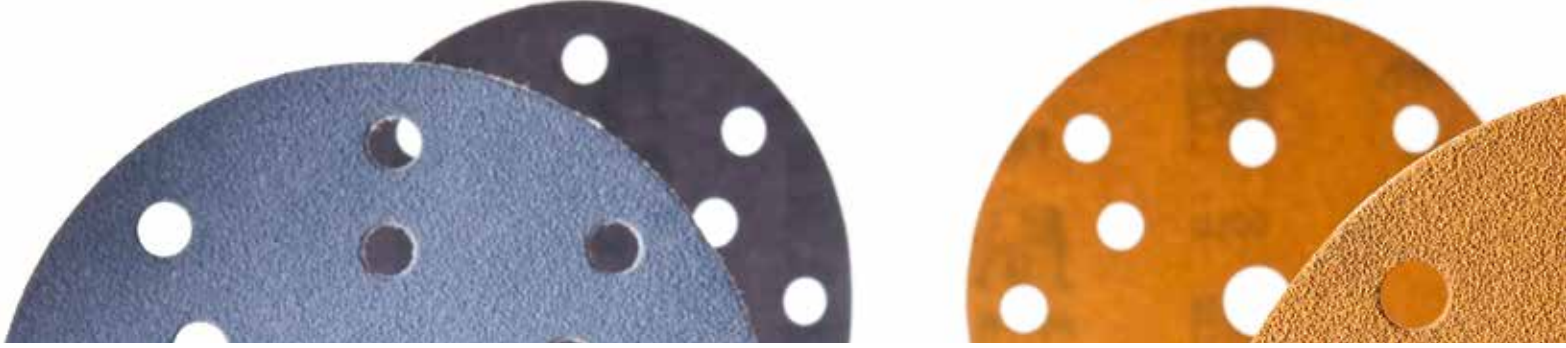


# Product Catalog





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## NET Abrasives

Mirka's innovative NET sanding concept is unlike any other. The patented construction consists of a dense network of fabric threads onto which the abrasive grit is bonded. This open weave, net structure means no dust particle is more than 0.5mm from a dust extraction hole.

## Film-Backed Abrasives

Mirka's polyester film backing material creates a flexible and smooth abrasive surface, compared to paper backing. It offers outstanding performance on hard tooling gelcoats and scratch resistant clearcoats.

## Paper-Backed Abrasives

Mirka's paper-backed abrasives are durable and well suited for high speed sanding in a multitude of applications. All products utilize the appropriate stearate to prevent clogging which allows for the optimal sanding result.

## Cloth-Backed Abrasives

Mirka's cloth-backed abrasives are intended for machine sanding where durability and excellent edge wear resistance is needed. Primarily used when large amounts of material need to be removed.

## Non-Woven

Mirka's non-woven abrasives are a three-dimensional fiber sanding material, designed to be extremely flexible and long lasting. It can be used wet or dry, and performs very well when profile sanding.

## Belts

Mirka's premium belts are designed with durability and performance in mind; providing a smooth surface with minimal variation of the surface finish. The technology incorporated into the belts reduces excessive surface dust and minimizes raised fibers with the highest level of efficiency.



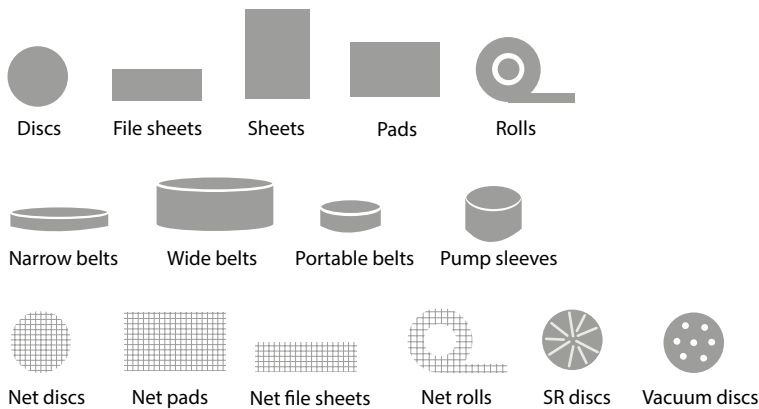
# ABOUT MIRKA

Over the past thirty years, Mirka has grown into one of the world's largest producers of coated abrasives.

Today we have a wide product range for individual operations and complete sanding systems for specialized applications. Our product range includes not only abrasives, but tools and accessories, as well as polishing components.

Our company philosophy can be described as striving for continuous improvements, systematic investments in quality, cost awareness, careful planning, the ability to take action and openness to unique solutions.

## Symbols



### Vacuum disc tip:

Mirka multi-hole discs will fit various standard backing pad configurations.

- 5" 17-Hole abrasives will fit 5" 8-Hole backing pads
- 6" 15-Hole abrasives will fit 6" 6-Hole backing pads and 6" 8-Hole backing pads



Auto

Visit [www.mirkacollision.us](http://www.mirkacollision.us) for information on Mirka's automotive products and applications



Marine/  
Composite

Visit [www.mirkamarine.us](http://www.mirkamarine.us) for information on Mirka's marine / composite products and applications



Wood

Visit [www.mirkawoodworking.us](http://www.mirkawoodworking.us) for information on Mirka's woodworking products and applications



Visit [www.mirka.com](http://www.mirka.com) for general information on Mirka's products



**MIRKA WARRANTY POLICY**  
(EFFECTIVE: February 2, 2015)

**Warranty**

Mirka Abrasives, Inc. (“Mirka”) warrants that the following Mirka products will be free from defects in material or workmanship under normal operating conditions from the date of purchase for the time period indicated:

- a. Pneumatic and electric tools (except dust extractors): 2 years \*
- b. All other tools and products: 1 year

\* By registering a pneumatic or electric tool within 30 days of purchase at [www.mirka.com/warranty-registration](http://www.mirka.com/warranty-registration), Mirka will warrant the product for an additional one year.

**Terms and Conditions**

The purchase of any Mirka product will constitute and be deemed to be acceptance of and agreement to the Mirka Warranty Policy (“Policy”) by the purchaser and/or user (collectively “User”) of any Mirka product.

The Policy shall not apply to:

- Normal wear and tear; or
- Product failure or damages caused by:
  - Subsequent modification of the Mirka product;
  - Repairs attempted or made on the Mirka product other than by Mirka;
  - Misuse, abuse or neglect;
  - Careless or unsafe handling;
  - Inadequate or improper maintenance;
  - Failure to follow any applicable instructions for the Mirka product; or
  - Anything other than defects in material or workmanship.

Mirka’s sole obligation under this Policy shall be, at Mirka’s option, to: (1) repair or replace any Mirka product that is defective in material or workmanship; or (2) refund the purchase price of the Mirka product that is defective in material or workmanship. Repairs during the warranty period do not lengthen or renew the original warranty period of the product.

The User is responsible for determining whether the Mirka product is fit for a particular purpose and suitable for the User’s application. The User is also responsible for complying with all applicable operating instructions and any applicable safety and health-related regulations and for taking any safety and health-related precautions when using Mirka products. This includes, but is not limited to: wearing safety glasses, facemasks, gloves, and protective clothing, if necessary; following instructions and warning labels; and operating Mirka products safely including at safe operating speeds. By User’s purchase or use of Mirka products, User acknowledges, represents, and warrants that User will: (a) comply with the foregoing; and (b) assume all risks in connection with the use of Mirka products.

No agent, representative, employee, distributor or dealer of Mirka is authorized to modify this Policy or to issue any warranty regarding any Mirka products.

Any civil action against Mirka relating to or arising out of the sale of Mirka products shall be commenced within one (1) year of the date the cause of action accrued or otherwise the cause of action shall be barred.

**Disclaimer**

EXCEPT FOR THE PROVISIONS OF THIS “WARRANTY,” MIRKA EXPRESSLY DISCLAIMS ALL GUARANTEES AND/OR WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE.

**Limitation on Liability**

MIRKA’S LIABILITY FOR ANY LOSS OR DAMAGE ARISING OUT OF OR RESULTING FROM ANY BREACH OR DEFAULT BY MIRKA IN CONNECTION WITH THE SALE OF MIRKA PRODUCTS HEREUNDER SHALL NOT EXCEED THE PURCHASE PRICE THEREOF, REGARDLESS OF WHETHER SUCH LIABILITY ARISES IN CONTRACT, TORT (INCLUDING, WITHOUT LIMITATION, STRICT LIABILITY) OR OTHERWISE.


IN NO EVENT SHALL MIRKA BE LIABLE FOR LOSS OR DAMAGE ARISING FROM THE MIRKA PRODUCT, WHETHER DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND REGARDLESS OF THE LEGAL THEORY ASSERTED, INCLUDING, WITHOUT LIMITATION, WARRANTY, CONTRACT, NEGLIGENCE OR STRICT LIABILITY.

**Submitting a Warranty Claim**

To submit a warranty repair claim, Users must contact their Mirka dealer or Mirka customer support.

Tools returned for warranty repair must be accompanied by a valid purchase receipt or invoice.

# SAFETY WARNINGS

<b>W A R N I N G</b>		<p>These symbols are found on all Mirka SOPs, as well as the product packaging for Mirka abrasives. Specific requirements for personal protective equipment (PPE) are presented in many different OSHA standards, published in 29 CFR.</p>
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Wear appropriate eye and face protection and ensure that the selected form of protection is appropriate to the work being performed and properly fits each worker exposed to the hazard.



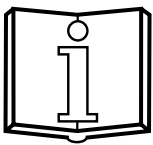
Use gloves specifically designed for the hazards and tasks found in the workplace. The nature of the hazard and the operation involved will affect the selection of gloves.



If engineering and work practice controls do not lower employee exposure to workplace noise to acceptable levels, employees must wear appropriate hearing protection.



Selecting the right respirator requires an assessment of all the workplace operations, processes or environments that may create a respiratory hazard.



Read and follow all instructions contained in Technical Data Sheets and User Manuals.

***The User is responsible for determining whether the Mirka product is fit for a particular purpose and suitable for the User's application. The User is also responsible for complying with any applicable safety and health-related regulations and taking any safety and health-related precautions when using Mirka products. This includes, but is not limited to: wearing safety glasses, facemasks, gloves, and protective clothing, if necessary; following instructions and warning labels; and operating Mirka products safely including at safe operating speeds. By User's purchase or use of Mirka products, User acknowledges, represents, and warrants that User will: (a) comply with the foregoing; (b) assume all risks in connection with the use of Mirka products; and (c) read and understand the Mirka Warranty Policy.***

# ABRANET® - 9A Series

- High performance and long lifespan
- Full-face vacuum for greater efficiency
- Removal of dust particles eliminates loading and pilling problems
- Woven mesh backing works with hook and loop attachment
- Net abrasives are a key component for dust-free sanding



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Polyamide fabric
<b>Coating</b>	Closed
<b>Color</b>	Brown
<b>Attachment</b>	Grip



	Available Sizes	Available Grits
	3", 5", 6" Grip	P80-P1000
	8", 11" Grip	P80, P120, P180, P240, P320, P400, P600
	9" Grip	P80, P100, P120, P150, P180, P240
	2-3/4" x 10yd Grip	P80-P400
	2-3/4" x 5" Grip	P80-P600
	2-3/4" x 8" Grip	P80-P600
	2-3/4" x 16-1/2" Grip	P80-P400
	3-2/3" x 25m Grip	P320, P400, P600, P800
	3" x 4" Grip	P80, P120, P180, P240, P320
	4-1/2" x 10m Grip	P80, P100, P120, P180, P240, P320, P400
	4-1/2" x 25m Grip	P80, P120, P180, P240, P320, P400, P500

# ABRANET® ACE - AC Series

- Developed to achieve outstanding results on challenging surface conditioning and repair applications
- Well designed for metal applications
- Ceramic/ceramic coated grain
- Full-face vacuum for greater efficiency
- Removal of dust particles eliminates loading and pilling problems
- Improved woven mesh backing offers increased strength and edge wear
- Can be used with portable, self-generating, or central vacuum systems
- Net abrasives are a key component for dust-free sanding



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Ceramic/Ceramic coated
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Polypropylene (PP)
<b>Coating</b>	Closed
<b>Color</b>	Gray
<b>Attachment</b>	Grip



	Available Sizes	Available Grits
	3", 5", 6" Grip	P80-P1000



# ABRANET® HEAVY DUTY - HD Series

- Developed for the toughest and most demanding sanding applications
- Coarse grit range makes this ideal for aggressive stock removal
- Features exceptional resistance to edge wear and clogging
- Produces a consistent surface finish quickly



NET

## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Nylon mesh
<b>Coating</b>	Semi-open
<b>Color</b>	Brown
<b>Attachment</b>	Grip



Available Sizes		Available Grits
5"	Grip	P40, P80
	17-Hole Grip	P40, P60, P80, P120
6"	15-Hole Grip	P40, P60, P80, P120
8"	8-Hole Grip	P40, P60, P80
2-3/4" x 10m Grip		P40, P60, P80
4-1/2" x 10m Grip		P40, P60, P80

# ABRANET® SOFT - 9S Series

- The foam layer and open structure provide flexibility allowing material to easily follow surface contours
- The open structure makes the product more flexible
- Suitable for pre-polishing lacquered surfaces, while coarser grits can be used for intermediate sanding of lacquered surfaces
- This product has been developed to minimize clogging
- Net abrasives are a key component for dust-free sanding



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin
<b>Backing</b>	Polyamide fabric net / foam
<b>Coating</b>	Closed
<b>Color</b>	Maroon
<b>Attachment</b>	Grip



Available Sizes	Available Grits
3", 5", 6" Grip	P320, P500 P800, P1000



# AUTONET® - AE Series

- Excellent initial aggressivity
- Long life-span compared to paper-backed discs
- Eliminates clogging and pilling
- Developed specifically for the automotive repair industry
- Net abrasives are a key component for dust-free sanding



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Polyamide fabric
<b>Coating</b>	Closed
<b>Color</b>	Gray
<b>Attachment</b>	Grip



Available Sizes	Available Grits
3", 5", 6" Grip	P80-P800
2-3/4" x 10m Grip	P80-P600



# ABRALON® - 8A Series

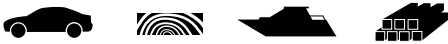
- Combines benefits of abrasive cloth and non-woven products
- Constructed of fabric face, foam center and a grip backing
- Abrasive grains are bonded evenly to the fabric face
- Can be used for dry or wet sanding
- Open cell design holds large amounts of water or solvent for lubrication and cooling



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Silicon carbide
<b>Bonding</b>	Special resin
<b>Backing</b>	Knitted fabric on foam
<b>Coating</b>	Special Abralon® method
<b>Color</b>	Gray
<b>Attachment</b>	Grip

	Available Sizes	Available Grits
●	3", 5", 6" Grip	180, 360, 500, 1000, 2000, 3000, 4000
●	9", 12" Grip	180, 360, 500, 1000, 2000



### Common applications for Abralon®

- Pre-polishing clearcoats (1000-4000)
- Surface finishing of aluminum or stainless steel
- Finishing of solid surface counter tops
- Sanding of sealers and primers (180-500)
- Removing mold marks and flash from plastic parts

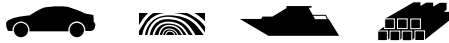


# MICROSTAR® - FM Series

- Ideal for removal of runs, dust nibs and excess orange peel from topcoat finishes before repainting or buffing
- Resists loading for longer disc life
- Ideal for sanding fresh or soft clearcoat
- Leaves an even scratch pattern, which buffs out quickly on all types of automotive paints
- Film-backed discs have full resin bonded aluminum oxide grain

## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Low VOC resin system
<b>Backing</b>	Polyester film
<b>Coating</b>	Semi-open
<b>Color</b>	White
<b>Attachment</b>	Grip



Available Sizes		Available Grits
3"	Grip	P800-P2500
	6-Hole Grip	P800-P2500
5"	Grip	P800-P2500
6"	Grip	P800-P2500
	15-Hole Grip	P800-P2500



FILM

# POLARSTAR® - FA Series

- Outstanding performance on demanding applications such as hard tooling gelcoats and the latest scratch resistant automotive clearcoats
- Unique abrasive material resists clogging and delivers long lasting performance
- Excellent durability – retains its high performance sanding properties

## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide P600, Silicon carbide P800–P1500
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Polyester film
<b>Coating</b>	Semi-open
<b>Color</b>	Green / white
<b>Attachment</b>	Grip



Available Sizes		Available Grits
3"	Grip	P600-P1500
	6-Hole Grip	P600-P1500
5"	Grip	P600-P1500
6"	Grip	P600-P1500
	15-Hole Grip	P600-P1500



# POLARSTAR® SR - SR Series

- Designed for spot repair of clearcoats
- Ideal for nib sanding to remove dirt or imperfections
- Excellent durability
- Suitable for wet sanding

## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide (SR3, SR5, SR7), Silicon carbide (SR5)
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Polyester film
<b>Coating</b>	Defined Mono layer Coating technology
<b>Color</b>	Pale yellow (SR3), Mint green (SR5), Lilac (SR7)
<b>Attachment</b>	PSA



Available Sizes		Available Grits
1-1/4" PSA	3A	3A, 5A, 5S, 7A
	1-3/8" PSA	5A

- A:** Aluminum oxide grain 3 micron (equivalent to P5000)  
**S:** Silicon carbide grain 5 micron (equivalent to P3000)  
 7 micron (equivalent to P2500)

# Q.SILVER® - 2B Series

- Excellent, uniform grain distribution provides an enhanced surface with a more consistent scratch pattern
- Semi-open coat design provides fast finishing
- Resin bonding provides superior grain support
- Q.Silver® has a special self-sacrificing stearate coating to reduce clogging and loading



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	P80–P150 D-paper, P180–P500 C-paper
<b>Coating</b>	Semi-open
<b>Color</b>	Blue
<b>Attachment</b>	Grip and PSA



	Available Sizes	Available Grits
3"	Grip	P80-P500
	PSA	P80-P500
	6-Hole Grip	P80, P180, P320
5"	Grip	P80-P500
	PSA	P80-P500
	5-Hole Grip 17-Hole Grip	P80-P500 P80-P500
6"	PSA Linkrol	P80-P500
	15-Hole Grip	P80-P500
	2-3/4" x 16-1/2" Grip	P80, P120, P180, P220, P320
	2-3/4" x 16-1/2" PSA	P80
	2-3/4" x 20yd PSA	P80
	2-3/4" x 40yd PSA	P120-P400

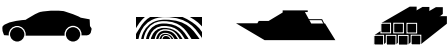
# Q.SILVER® - 2C Series

- Excellent, uniform grain distribution provides an enhanced surface with a more consistent scratch pattern
- Outstanding performance on demanding applications such as hard tooling gelcoats and the latest scratch resistant automotive clearcoats
- Ideal for removal of runs, dust nibs and excess orange peel from topcoat finishes before repainting or
- Semi-open coat design provides fast finishing
- Q.Silver® has a special self-sacrificing stearate coating to reduce clogging and loading



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Silicon carbide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	B-paper
<b>Coating</b>	Semi-open
<b>Color</b>	Blue
<b>Attachment</b>	Grip and PSA



	Available Sizes	Available Grits
3"	Grip	P600-P1500
5"	Grip	P600-P1500
	PSA 5-Hole Grip	P600 P600-P1000
6"	Grip	P600-P1500
	PSA	P600, P800
	6-Hole Grip 15-Hole Grip	P600-P1500 P600-P1500

# BULLDOG GOLD - 23 Series

- Designed for finishing and heavy stock removal
- Aluminum oxide grain delivers a fast, exceptionally long lasting cut
- High strength resin bonding provides superior grain support
- Special stearate coating is used to maximize resistance to clogging and loading
- Semi-open coat produces an even, consistent scratch pattern

## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin, Progressive Bond®
<b>Backing</b>	P80-P150 D-weight latex paper, P180-P800 C-weight latex paper
<b>Coating</b>	Semi-open
<b>Color</b>	Gold
<b>Attachment</b>	Grip and PSA



	Available Sizes	Available Grits	
<b>3"</b>	Grip	P80-P800	
	6-Hole Grip	P80-P800	
	3-1/2" PSA	P80-P400	
<b>5"</b>	Grip	P36-P80	
	PSA	P36-P800	
	PSA Linkrol	P80-P800	
	PSA Autobox	P80-P500	
	5-Hole:	• Grip	P60-P800
		• PSA	P60-P400
		• PSA Linkrol	P80-P240
	8-Hole:	• Grip	P80-P400
		• PSA	P60-P400
	17-Hole Grip	P60-P800	
<b>6"</b>	Grip	P36-P80	
	PSA	P36, P40, P60, P600, P800	
	PSA Linkrol	P80-P500	
	PSA Autobox	P80-P500	
	6-Hole:	• Grip	P60-P800
		• PSA Linkrol	P80-P400
	8-Hole:	• Grip	P180, P320
		• PSA	P36
	15-Hole Grip	P60-P800	
	<b>8"</b>	Grip	P36, P80, P150, P180
PSA		P36, P40, P80-P400	
8-Hole:		• Grip	P180, P320
		• PSA Heavy Duty	P36
<b>9"</b>	27-Hole Grip	P80-P240	
	2-3/4" x 16-1/2" PSA	P36, P40, P60, P80, P120	
2-3/4" x 16-1/2" Grip	P36, P40, P80, P180, P220, P320		
2-3/4" x 17-1/2" Plain	P36-P240		
2-3/4" x 20yd PSA	P80, P100		
2-3/4" x 40yd PSA	P120-P600		
4-1/2" x 10yd PSA	P80-400		

PAPER-BACKED

# GOLD PROFLEX - 23 Series

- Designed for hand sanding applications
- Aluminum oxide grain provides a good cut and an excellent scratch pattern
- Flexible, latex-impregnated backing provides superior conformity in profile sanding
- Anti-slip coating on the back side provides a solid grip and feel during sanding



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	P80-P180 C-paper, P220-P800 B-paper
<b>Coating</b>	Semi-open
<b>Color</b>	Gold
<b>Attachment</b>	Plain

Available Sizes	Available Grits
9"x 11" Plain	P80-P800



# GOLDFLEX-SOFT - 23 Series

- Designed for hand sanding applications
- A-weight, latex impregnated paper backing with PE foam is highly flexible and ideal for profile sanding
- Produces a high quality finish
- Durable, aluminum oxide grain delivers a long lasting, smooth cut
- Bulk roll is perforated to allow easy sheet dispensing from box



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	A-weight latex paper, PE-foam
<b>Coating</b>	Semi-open
<b>Color</b>	Gold
<b>Attachment</b>	Plain

Available Sizes	Available Grits
4-1/2" x 5" Plain	P150-P1000



# GOLD SOFT - 23 Series

- Designed for final sanding of e-coats, primers, sealers and panel blends
- Durable, aluminum oxide grain delivers a long lasting, smooth cut
- A special stearate coating is used to resist clogging and loading
- 6" 15-hole discs can be used with or without vacuum



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	C-paper with PE-foam
<b>Coating</b>	Semi-open
<b>Color</b>	Gold
<b>Attachment</b>	Grip

Available Sizes	Available Grits
6" 15-Hole Grip	P320, P500, P800



PAPER-BACKED

# COARSE CUT - 40 Series

- Aggressive and fast cutting in coarse grades and is long lasting
- Specially reinforced paper exclusive to Mirka provides superior grain support
- Semi-open coat produces a consistent scratch pattern, while resisting loading

## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin, Progressive Bond®
<b>Backing</b>	Specially reinforced F-paper
<b>Coating</b>	Semi-open
<b>Color</b>	Maroon
<b>Attachment</b>	Grip and PSA



		Available Sizes	Available Grits
<b>3"</b>		Grip	P40, P80
<b>5"</b>		Grip	P36-P150
		5-Hole Grip	P36-P150 P40, P80, P120, P150
<b>6"</b>		Grip	P36-P150
		6-Hole Grip	PSA P36-P150 P36-P80, P120, P150
<b>8"</b>		Grip	P36-P150
		8-Hole Grip	PSA P36-P150 P40, P80, P150
		2-3/4" x 17-1/2" Plain	P36, P40, P80
		2-3/4" x 16-1/2" Grip	P36-P150
		2-3/4" x 16-1/2" PSA	P36-P150

PAPER-BACKED

# BASECUT® - 22 Series

- Economical option
- Aggressive initial cut
- Resists clogging and loading

## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	P40-P80 D-paper, P100-P800 B-paper, P1000-P1500 C-paper
<b>Coating</b>	Semi-open
<b>Color</b>	Blue
<b>Attachment</b>	Grip, PSA and Plain



		Available Sizes	Available Grits
<b>5"</b>		Grip	P40-P800
		PSA	P40, P600, P800
		PSA Linkrol	P80-P500
<b>6"</b>		Grip	P40-P800
		Grip Micro	P1000, P1200, P1500
		PSA PSA Linkrol	P40, P600, P800 P80-P500
<b>8"</b>		Grip	P40, P80
		PSA	P40, P80
		2-3/4" x 16-1/2" Grip	P40-P400
		2-3/4" x 16-1/2" PSA	P40, P80
		9" x 11" Plain	P40-P400
		4-1/2" x 33' PSA	P80-P400
		2-3/4 x 25yd Autokut PSA	P80-P400

# CARATFLEX - 02 Series




- Designed for hand sanding of wood, sealers, paint and lacquers
- The latex impregnated paper backing is highly flexible and ideal for profile sanding
- An advanced stearate coating is used to resist loading
- Resin bonding improves grain adherence and product life
- Silicon carbide grain delivers an exceptionally sharp, smooth cut



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Silicon carbide
<b>Bonding</b>	Resin over resin, Progressive Bond®
<b>Backing</b>	P80-P120 B-paper, P150-P400 A-paper
<b>Coating</b>	Semi-open
<b>Color</b>	Gray
<b>Attachment</b>	Grip, PSA and Plain



	Available Sizes	Available Grits
5" 	Grip	P80, P180, P320
	PSA Linkrol	P80-P400
	9" x 11" Plain	P80-P400
	4-1/2" x 11" Plain	P180
	2-1/2" PSA*	P120-P320
	3-1/4" PSA*	P120-P320

\* Lengths vary from 70" for P120 and 125" for P320

PAPER-BACKED

# WATERPROOF - 21 Series



- Waterproof paper offers full resin bonding on quality latex paper
- Ideal for nib sanding - to remove dirt and imperfections from paint surfaces
- Consistent and precise manufacturing process provides fine scratch pattern for improved finish



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide P80-P360, Silicon carbide P400-P2500
<b>Bonding</b>	Resin over resin
<b>Backing</b>	P80-P120 C-paper, P150-2500 B-paper
<b>Coating</b>	Closed
<b>Color</b>	Black
<b>Attachment</b>	Grip, PSA and Plain



	Available Sizes	Available Grits
	9" x 11" Plain	P80-P2500
	5-1/2" x 11" Plain	P1000-P2500
	1-1/4" Grip	P2500
	1-1/4" PSA	P2500





# HIOLIT - 51/56 Series

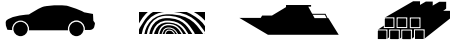
- The rigid cotton cloth is highly tear resistant
- Removes stock quickly, while producing a high-quality surface finish
- The durable aluminum oxide grain delivers an exceptionally long lasting cut



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	X-weight cotton cloth
<b>Coating</b>	Closed
<b>Color</b>	Maroon
<b>Attachment</b>	PSA

		Available Sizes	Available Grits
5"		PSA	P60-P400
		Heavy Duty PSA	P40-P150
6"		PSA	P60-220

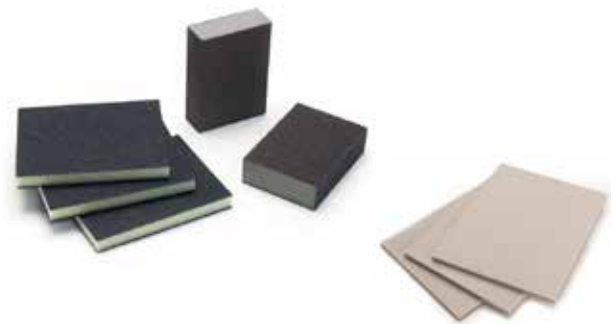


CLOTH-BACKED

# SPONGES

## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin
<b>Backing</b>	Foam
<b>Coating</b>	Closed



Available Sizes	Available Grit	Description
2-3/4" x 4" x 1"	60-220	Four sided abrasive sponge
3-3/4" x 4-3/4" x 1/2"	100-400	Double sided abrasive sponge
4-1/2" x 5-1/2" x 1/4"	60-220	Single sided abrasive sponge

# MIRLON TOTAL® - 18 Series

- Open design is thinner and more flexible than traditional non-woven pads
- Three dimensional structure made with cut fiber strands coated with resin and abrasive
- Consistent coating of aluminum oxide (VF 360) and silicon carbide (UF 1500, MF 2500) abrasive grains provide uniform, dense scratch pattern
- Very flexible, ideal for use on contoured surfaces



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide (VF), Silicon carbide (UF, MF)
<b>Bonding</b>	Resin
<b>Backing</b>	Non-Woven
<b>Coating</b>	Three dimensional Total Coating
<b>Color</b>	Red (VF), Gray (UF), Gold (MF)

Available Sizes	Available Grits
4-1/2" x 9"	VF (360) Red UF (1500) Gray MF (2500) Gold
4-1/2" x 33'	VF (360) Red UF (1500) Gray



# MIRLON - 18 Series

- Three dimensional structure made with cut fiber strands coated with resin and abrasive
- Consistent coating of aluminum oxide (VF) and silicon carbide (UF) abrasive grains provide more uniform scratch pattern
- Very flexible, ideal for use on contoured surfaces



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide (VF), Silicon carbide (UF)
<b>Bonding</b>	Resin
<b>Backing</b>	Non-Woven
<b>Coating</b>	Three dimensional
<b>Color</b>	Maroon (VF), Gray (UF)

Available Sizes	Available Grits
5"	Very Fine (Maroon)
6"	Very Fine (Maroon) Ultra Fine (Gray)
6" x 9"	Very Fine (Maroon) Ultra Fine (Gray)
4" x 33'	Very Fine (Maroon) Ultra Fine (Gray)



# JEPUFLEX PLUS - 38 Series


- Designed for sanding of hardwood such as oak and beechwood
- The closed coat gives the product high performance and long life
- Effective stock removal



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Antistatic F-weight paper
<b>Coating</b>	Closed
<b>Color</b>	Maroon



	Available Sizes	Available Grits
 Wide belts	W: 13" - 56" L: 48" +	P80-P220

# SICA - 04 Series


- The antistatic treatment reduces dust loading and gives the product a longer life
- Fine scratch pattern produces a good final result after surface treatment
- Designed for sanding of hardwood and MDF
- Well suited to use after Jepuflex to achieve a better finish



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Silicon carbide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Antistatic F-weight paper
<b>Coating</b>	Closed
<b>Color</b>	Black



	Available Sizes	Available Grits
 Wide belts	W: 13" - 56" L: 48" +	P80-P220

# STALIT - 96 Series



- Ideal for rough sanding applications requiring strong edge wear resistance
- Polyester cloth backing designed for durability
- Rigid construction gives the product long life
- Well suited for calibration of hardwood



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Y-weight polyester cloth
<b>Coating</b>	Closed
<b>Color</b>	Maroon



	Available Sizes	Available Grits
 Narrow belts	W: 0.5" - 12" L: 48" +	P80-P240
 Wide belts	W: 13" - 56" L: 48" +	P80-P240

# CALITEX - 51 Series




- Ideal for rough sanding applications requiring strong edge wear resistance
- Well suited for calibration of soft and resinous wood types, sanding backside of parquet and other tough sanding applications
- Semi-open coating for coarse sanding



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Y-weight polyester cloth
<b>Coating</b>	Semi-open
<b>Color</b>	Maroon



	Available Sizes	Available Grits
 Portable belts	3" x 18"	P40
	3" x 21"	P40
	3" x 24"	P40
	4" x 24"	P40
 Narrow belts	W: 0.5" - 12" L: 48" +	P36, P40, P60, P80
	W: 13" - 56" L: 48" +	P36, P40, P60, P80
 Wide belts	W: 0.5" - 12" L: 48" +	P36, P40, P60, P80
	W: 13" - 56" L: 48" +	P36, P40, P60, P80

# HIOLIT F / HIOLIT J - 55 Series

- Flexible properties and high quality sanding results make it ideal for metal and wood workshops
- Durability and excellent edge wear resistance make it ideal for sanding profiles and seams
- Ideal for aggressive sanding where flexibility is needed



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Flexible F-weight cotton cloth
<b>Backing</b>	J-weight cotton cloth
<b>Coating</b>	Closed
<b>Color</b>	Maroon



	Available Sizes	Available Grits
 Narrow belts	W: 0.5" - 12" L: 48" +	P50-P220
	W: 7", 8", 9" L: 10.5" - 26.3"	P80-P220
 Pump sleeve		

# HIOLIT X - 57 Series




- Designed for sanding operations where large amounts of material need to be removed
- Suitable for aggressive sanding
- Produces high quality results on challenging materials



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	X-weight cotton cloth
<b>Coating</b>	Closed
<b>Color</b>	Maroon



	Available Sizes	Available Grits
 Portable belts	2.5" x 14"	P60-P180
	3" x 18"	P50-P150
	3" x 21"	P50-P150
	3" x 24"	P50-P150
	4" x 24"	P50-P150
 Narrow belts	W: 1" - 12" L: 48" +	P50-P220
	W: 13" - 56" L: 48" +	P50-P220
 Wide belts		

Available Sizes  
250ml  
1L  
5L  
17L



## POLARSHINE® 35

- An aggressive polishing compound for removal of P800 and finer sanding scratches, or for heavily oxidized surfaces.
- Can also be used for removal of fine orange peel
- Ideal for gelcoats, gloss lacquers and composites
- Silicone free

Available Sizes  
250ml  
1L



## POLARSHINE® 15

- A coarse polishing compound for removal of P1200 and finer sanding scratches or for oxidized surfaces and water mark removal
- Also suitable for removal and leveling of fine orange peel
- Silicone free

Available Sizes  
1L



## POLARSHINE® 12

- Ideal for single step polishing for OEM applications
- Removes scratches from P2500 or higher
- Perfect balance of final gloss and speed
- Water based and silicone free

Available Sizes  
250ml  
1L



## POLARSHINE® 10

- Polarshine® 10 is the ultimate single compound system
- A medium-coarse polishing compound
- Removes sanding scratches without fillers
- Suitable for all paint systems including scratch resistant clear coats
- Silicone free

Available Sizes  
1L  
5L



## POLARSHINE® 8

- Polarshine® 8 permanently removes sanding and swirl marks while producing a high gloss finish
- Designed to keep surface temperature low when polishing
- Suitable for use on all paint systems
- Silicone free

Available Sizes  
1L



## POLARSHINE® 5

- A second step polishing compound to be used after Polarshine® 35 or 15
- Polarshine® 5 leaves a high gloss finish without swirl marks
- Removes compound swirls and fine sanding marks
- A medium-fine polish for cleaning and refreshing surfaces
- Suitable for hologram removal
- Silicone free

Available Sizes  
1L



## POLARSHINE® 3

- An ultra-fine polishing compound for protecting the high gloss finish on both original paint work and repainted surfaces
- Polishes and seals surfaces
- Contains carnauba wax
- Leaves a high gloss shine

# POLISHING PADS



Aggressive cutting

Available Sizes	<b>Twisted Wool Polishing Pad</b>
3" dia.	Double Sided
7.5" dia. x 1"	
7.5" dia. x 1.25"	
7.5" dia. x 1.5"	
8" dia. x 1"	
8" dia. x 1.25"	



Medium cutting

Available Sizes	<b>Yellow Twisted Acrylic Wool Polishing Pad</b>
7.5" dia. x 1"	Double Sided
7.5" dia. x 1.25"	
7.5" dia. x 1.25"	
7.5" dia. x 1.5"	



Finishing

Available Sizes	<b>Lambs Wool Polishing Pad</b>
3"	
6"	
7"	
7.5"	



Medium cutting

Available Sizes	<b>Orange Dimple Foam Pad</b>
3" dia. x 1/2"	
3-1/4" dia. x 1-1/4"	
8" dia. x 1-1/4"	



Medium cutting

Available Sizes	<b>Yellow Waffle Foam Pad</b>
3-1/4" dia. x 1-1/4"	
8" dia. x 1-1/4"	



Light cutting

Available Sizes	<b>White Foam Pad</b>
3" dia. x 1/2"	
3-1/4" dia. x 1-1/4"	
8" dia. x 1-1/4"	



Finesse

Available Sizes	<b>Black Foam Pad</b>
3" dia. x 1/2"	
3-1/4" dia. x 1-1/4"	
8" dia. x 1-1/4"	



# DUST-FREE SANDING

## OSP - OPTIMIZED SURFACE PREPARATION

- Complete system for auto body repair applications
- Easy for all operators to use
- Combines three industry SOPs in one process
- Improved consistency and less re-work
- Simple to standardize process across all facilities
- Less time required for the repair
- Improved shop environment
- Less technician exposure to dust
- Reduced labor cost of clean-up and maintenance



	Available Sizes	Application
<b>OSP 1</b>	3", 6" Grip	Paint removal Body filler sanding
	2-3/4" x 8" Grip	
	2-3/4" x 10m Grip	
<b>OSP 2</b>	3", 6" Grip	Body filler/glaze sanding
	2-3/4" x 8" Grip	
	2-3/4" x 10m Grip	
<b>OSP 3</b>	3", 6" Grip	Primer prep
	2-3/4" x 8" Grip	
	2-3/4" x 10m Grip	
<b>OSP 4</b>	4-1/2" x 5" Grip	Primer finishing
	3" 6-Hole Grip 6" 15-Hole Grip	

DUST-FREE SANDING

## THE SMART CART

The Mirka Smart Cart is the perfect solution to keep all your abrasives, tools, and dust extraction at one place in an integrated, dust-free sanding system. A movable platform is provided for the MV-912 dust extractor with integrated storage hooks for vacuum hoses.

The system incorporates a locking cabinet for inventory control and a large, 17-3/4" x 27" work surface recessed 2" to hold items in place. Additional storage is available in the two 15-3/4" x 12" x 2-3/4" drawers, that glide freely on roller bearing slides.

Dedicated tool rests are located on a wire rack designed to securely hold random orbital sanders and vacuum sanding blocks. Stable, integrated storage for polish bottles or aerosol cans is provided within the full-width handle assembly.

The cart utilizes premium casters incorporating a foot pedal wheel brake and swivel lock that can be used to prevent any movement of the cart when located in a stable position. Powder-coated steel construction offers years of dependable service.



\* OSP Pneumatic Dust-free system shown (MAI-OSPKIT-P). Other cart systems are available. Cart (MAI-CART-912) available separately.

# DUST EXTRACTOR TROLLEY

9190310111



- Steel cart features a fixed bottom shelf for a dust extractor, top adjustable-height shelf for abrasives, polishes, or other products
- Adjustable height hook on the left side for hanging a random orbital sander
- Velour strip on the right side to attach grip-faced hand blocks
- Two hooks are located on the back side to hang a dust extractor hose
- Larger rear wheels allow the cart to be rolled across gravel or uneven surfaces
- This trolley is designed to combine the MV-912 Dust Extractor together with any Mirka® random orbital sander to create a portable, dust-free sanding solution

# DUST EXTRACTOR

MV-912



- Variable vacuum control powerful enough for use by multiple users with optional dual-operator fitting
- SilentPower motor for performance that is seen, but not heard
- Integrated 400W outlet with Auto On/Off vacuum control for use with an electric tool
- Push & Clean filter cleaning system allows filter cleaning in seconds.
- Replaceable fleece filter for high efficiency and low maintenance costs
- Optional control box for Auto On/Off vacuum control with pneumatic sander
- Vacuum hoses are available in conventional and coaxial styles for use with hand blocks, pneumatic and electric sanders

## TECHNICAL SPECIFICATIONS

<b>Power</b>	840 W
<b>Input Voltage</b>	120 VAC
<b>Airflow</b>	127 CFM
<b>Volume of tank</b>	7.9 gal
<b>Dimensions</b>	14.2" x 17.7" x 23.6"
<b>Weight</b>	22 lbs
<b>Sound pressure</b>	62 dB
<b>Noise</b>	59 dB

# DUST EXTRACTOR ACCESSORIES



**Pneumatic box**

MV-912PB  
Auto On/Off vacuum control for pneumatic sander



**Dual Operator Kit**

MV-412DOK  
Allows use of two sanders with one MV-912 dust extractor



**Filter Element**

MV-412FE  
Use with MV-912 dust extractor



**Dust Bag**

MV-912DB  
Use with MV-912 dust extractor

# DUST EXTRACTOR HOSES



MIN6519411

- 1-1/2" tapered to 1-1/4" x 12' vacuum hose



MIN6519711

- 1-1/2" x 33' Extension vacuum hose



91100

- 3/4" x 12' Vacuum hose for vacuum hand blocks



MV-412HA-ADAP

- 1-1/4" x 18" Adapter for coaxial air supply or electric vacuum hose



MVHA-5 (18') • MVHA-10 (33')

- 1-1/2" x 18' (or 33') Coaxial electric/vacuum hose with 1-1/4" adapter (MV-412HA-ADAP)
- For use with Mirka® DEROS only



MV-412HA (15') • MV-HA33 (33')

- 1-1/2" x 15' (or 33') Coaxial air supply/vacuum hose with 1-1/4" adapter (MV-412HA-ADAP)
- For use with pneumatic sanders

# MISC. ACCESSORIES



91935000111 (Black) • 9193600111 (White)

- Dry guide coat



M-9915B

- Microfiber cleaning cloth



S-BLADE

- "Shark Blade" Denibbing tool

## RESIN FIBER DISCS

- Ceramic Resin Fiber Discs for metal grinding applications
- Provides ultimate grinding performance with 100% SG Ceramic Grain with top coat
- Developed for use on stainless steel and other alloys for maximum performance
- Premium top coat resists loading and aids cooling
- Offers long life on stainless steel, high carbon steel, nickel and alloy metals
- Provides maximum productivity at reduced cost
- Grit range 24, 36, 50



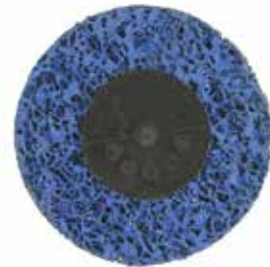
## MINI CERAMIC DISCS

- Ceramic Mini Grinding Discs for metal grinding applications
- Mini Grinding Discs use a tough, polymer backing with a Type R plastic twist lock attachment
- 100% SG Ceramic Grain with top coat is fused directly to the polymer backing
- Offers long life on stainless steel, high carbon steel, nickel and alloy metals
- This one-piece design prevents the risk of detaching, and runs cooler than fiber discs
- Available in 2" and 3" diameters
- Outperforms conventional 2 and 3 ply cloth discs
- Grit range 24-120



## STRIPPING DISCS

- Stripping Discs offer fast cutting action, without damaging metal surfaces
- Ideal for deburring metal, and removing rust, paint or scale
- Made from tough, synthetic fibers impregnated with abrasive grit
- Provides a safer alternative to wire bristle tools
- These unique discs provide fast cutting action with virtually no heat build-up
- The open design quickly cleans surfaces without damage
- Available in coarse grit



## TRIM-KUT®

- Plastic backing resists breaking and cracking, and can be trimmed to the 1" core
- Color coded for easy grit identification
- Can be used in grinders and high speed drills with quick change mandrels and adapters
- Suitable for use on metal, wood, fiberglass and composite materials
- Available in 3" and 5" diameters.
- Grit range 24-120



## CUTOFF WHEELS

- Fast cutting wheels for use when cutting autobody sheet metal, ferrous and non-ferrous metals, fiberglass, plastics and composite materials.
- 3 in. diameter with 3/8" center hole
- Available in 1/16" and 1/32" widths
- Rated to 24,000 rpm



# MIRKA® TOOLS & BACKUP PADS



## MAOS130

- Non-vacuum
- Used for denibbing in OEM, Automotive and wood applications
- Oscillating orbit results in a finer finish, leaving the surface easy to polish
- Twist lock pad attachment

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
3 mm	8,500	PSA	1.32 lbs	0.48	18	75 dB	2.22



## MROS125

- Non-vacuum
- Used for denibbing in OEM, automotive and wood applications
- Constructed of lightweight and hi-tech materials
- Ergonomically designed for maximum performance & reduced operator fatigue
- 1/4 - 20 thread pad attachment

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
2.5 mm	8,000	PSA	1.06 lbs	0.15	15	67 dB	3.5



## MROS150

- Non-vacuum
- Quick lock attachment of the backing pad is fast and stable
- Perfect for sanding smaller surface areas
- Twist lock pad attachment

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	8,000	PSA	1.09 lbs	0.15	15	71 dB	2.33



**MR-350**

- Random orbital sander
- Non-vacuum
- Constructed of precision-molded composites for strength & durability
- Moisture-resistant composite rotors for long life and superior reliability
- Ergonomically designed for maximum performance & reduced operator fatigue

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	PSA	1.12 lbs	0.28	17	80 dB	2

**MR-350CV**

- Vacuum-ready • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	6-Hole Grip	1.17 lbs	0.28	17	80 dB	2

**MR-3SGV**



- Random orbital sander
- Self-generated vacuum
- 3/4" threaded vacuum fitting
- Constructed of precision-molded composites for strength & durability
- Moisture-resistant composite rotors for long life and superior reliability
- Ergonomically designed for maximum performance & reduced operator fatigue

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
2.5 mm	12,000	6-Hole Grip	1.3 lbs	0.28	17	84 dB	2.6

**MR-30**



- Rotary palm buffer
- Non-vacuum
- Ideal for small area topcoat and clearcoat polishing
- Moisture-resistant composite rotors for long life and superior reliability
- Fast polishing results when paired with wool or foam polishing pads
- Easy removal of sanding scratches

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
0	3,000	Grip	1.5 lbs	0.28	17	81 dB	1.4

**MR-30TH**



- Two-handed rotary sander
- Non-vacuum
- Ideal for small area topcoat and clearcoat polishing
- Moisture-resistant composite rotors for long life and superior reliability
- Ergonomically designed for two-handed use to reduce operator fatigue

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
0	3,000	Grip	2.1 lbs	0.28	17	85 dB	1.2





### MROP-312TH

- Orbital sander
- Non-vacuum
- Ideal for small area topcoat and clearcoat polishing
- Moisture-resistant composite rotors for long life and superior reliability
- Ergonomically designed for two-handed use to reduce operator fatigue
- Larger orbit offers fast polishing results and a swirl-free finish

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
12 mm	10,000	Grip	2.6 lbs	0.37	19	80 dB	5



### MR-34

- Orbital sander
- Dimensions 2-3/4" x 4"
- Non-vacuum
- Ergonomic and lightweight
- Ideal for smaller sanding jobs

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
3 mm	10,000	Grip	1.5 lbs	0.24	16	76 dB	2.6



### MR-34DB

- Self-generated vacuum
- 1-1/4" threaded vacuum fitting
- Dimensions 2-3/4" x 4"

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
3 mm	10,000	Multi-Hole Grip	1.6 lbs	0.24	16	81 dB	3.5



### MR-38CV

- Orbital sander
- Dimensions 2-3/4" x 7-3/4"
- Vacuum-ready
- 3/4" threaded vacuum fitting
- Moisture-resistant composite rotors for long life and superior reliability
- Sands quickly and provides a uniform surface finish

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
3 mm	10,000	Multi-Hole Grip	2.1 lbs	0.24	16	75 dB	3.3

### MR-38CV-1

- Vacuum-ready • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
3 mm	10,000	Multi-Hole Grip	2.1 lbs	0.24	16	75 dB	3.3



### MR-38SGV

- Self-generated vacuum
- Dimensions 2-3/4" x 7-3/4"
- 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
3 mm	10,000	Multi-Hole Grip	2.1 lbs	0.24	16	85 dB	2.8



**MR-5**

- Random orbital sander
- Non-vacuum
- Constructed of precision-molded composites for strength & durability
- Moisture-resistant composite rotors for long life and superior reliability

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	PSA	1.7 lbs	0.28	17	79 dB	3.7

**MR-5V**

- Vacuum-ready • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	Multi-Hole Grip	1.8 lbs	0.28	17	77 dB	2.4

- Self-generated vacuum • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	Multi-Hole Grip	1.85 lbs	0.28	17	91 dB	2.5



**MR-508**

- Random orbital sander
- Non-vacuum
- Larger orbit for more aggressive sanding applications
- Constructed of precision-molded composites for strength & durability
- Moisture-resistant composite rotors for long life and superior reliability

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
8 mm	12,000	PSA	1.7lbs	0.28	17	74 dB	3.5

- Self-generated vacuum • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
8 mm	12,000	Multi-Hole Grip	1.85 lbs	0.28	17	91 dB	3.3



**MR-510TH**

- Two-handed orbital sander
- Non-vacuum
- Larger orbit for aggressive sanding applications
- Constructed of precision-molded composites for strength & durability
- Moisture-resistant composite rotors for long life and superior reliability

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
10 mm	12,000	PSA	2.7 lbs	0.46	21	85 dB	3.4

- Vacuum-ready • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
10 mm	12,000	Multi-Hole Grip	2.7 lbs	0.46	21	85 dB	3.4

- Self-generated vacuum • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
10 mm	12,000	Multi-Hole Grip	2.7 lbs	0.46	21	85 dB	3.1





## MROP-512TH

- Two-handed orbital sander
- Non-vacuum
- Larger orbit for larger sanding applications
- Constructed of precision-molded composites for strength & durability
- Counter-balanced for specific size backup pad
- Moisture-resistant composite rotors for long life and superior reliability

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
12 mm	12,000	PSA	2.9 lbs	0.46	21	85 dB	3.4



## MR-525

- Random orbital sander
- Non-vacuum
- Constructed of precision molded composites for strength & durability
- Counter balanced for specific size backup pad
- Moisture-resistant composite rotors for long life and superior reliability

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
2.5 mm	12,000	PSA	1.7 lbs	0.28	17	80 dB	2.1



## MID55020CAUS - DEROS

- Random orbital electric sander (110V)
- Vacuum-ready
- 1-1/4" hose threaded vacuum fitting
- Brushless DC motor technology
- Quick connect fitting for the dust extraction hose
- Digitally controlled with variable speeds
- Unique shroud system with brake seal allows minimal internal air leakage for improved dust extraction, even at low suction power

Orbit	RPM	Pad Face	Weight	Watts	Noise	Vib m/s <sup>2</sup>
5 mm	4,000 - 10,000	Multi-Hole Grip	2.2 lbs	350	82 dB	3.2



## MRP-550CV - PROS

- Random orbital sander
- Vacuum-ready
- 1-1/4" hose threaded vacuum fitting
- Unique shroud system with brake seal allows minimal internal air leakage for improved dust extraction, even at low suction power
- Quick connect fitting for the dust extraction hose
- Optimized ergonomics that make it user-friendly and comfortable to grip for long operating period

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	Multi-Hole Grip	2 lbs	0.28	17	74 dB	2.4

## MRP-580CV - PROS

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
8 mm	12,000	Multi-Hole Grip	2 lbs	0.28	17	74 dB	3.8



**MR-6**

- Random orbital sander
- Non-Vacuum
- Constructed of precision-molded composites for strength & durability
- Moisture-resistant composite rotors for long life and superior reliability

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	PSA	1.74 lbs	0.28	17	79 dB	3.7



**MR-6V** • Vacuum-ready • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	Multi-Hole Grip	1.9 lbs	0.28	17	77 dB	3.1



**MR-6SGV** • Self-generated vacuum • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	Multi-Hole Grip	2 lbs	0.28	17	85 dB	3.5

**MR-608**

- Random orbital sander
- Non-vacuum
- Constructed of precision-molded composites for strength & durability
- Counter balanced for specific size backup pad
- Moisture-resistant composite rotors for long life and superior reliability

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
8 mm	12,000	PSA	2 lbs	0.28	17	75 dB	3.5

**MR-608SGV** • Self-generated vacuum • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
8 mm	12,000	Multi-Hole Grip	2.2 lbs	0.28	17	82 dB	3.3

**MR-625**

- Random orbital sander
- Non-vacuum
- Constructed of precision-molded composites for strength & durability
- Counter balanced for specific size backup pad
- Moisture-resistant composite rotors for long life and superior reliability

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
6 mm	12,000	PSA	1.87 lbs	0.28	17	83 dB	3.3





### MR-610TH

- Two-handed orbital sander
- Non-vacuum
- Constructed of precision-molded composites for strength & durability
- Counter-balanced for specific size backup pad
- Moisture-resistant composite rotors for long life and superior reliability

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
10 mm	12,000	PSA	2.8 lbs	0.46	21	87 dB	3.3



### MR-610THCV • Vacuum-ready • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
10 mm	12,000	Multi-Hole Grip	2.9 lbs	0.46	21	90 dB	3.3

### MR-610THSGV • Self-generated vacuum • 1-1/4" threaded vacuum fitting

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
10 mm	12,000	Multi-Hole Grip	2.9 lbs	0.46	21	90 dB	3.7

### MID65020CAUS - DEROS



- Random orbital electric sander (110V)
- Vacuum-ready
- 1-1/4" hose threaded vacuum fitting
- Brushless DC motor technology
- Quick connect fitting for the dust extraction hose
- Digitally controlled with variable speeds
- Unique shroud system with brake seal allows minimal internal air leakage for improved dust extraction, even at low suction power

Orbit	RPM	Pad Face	Weight	Watts	Noise	Vib m/s <sup>2</sup>
5 mm	4,000 -10,000	Multi-Hole Grip	2.2 lbs	350	71 dB	3.4

### MRP-650CV - PROS



- Random orbital sander
- Vacuum-ready
- 1-1/4" hose threaded vacuum fitting
- Unique shroud system with brake seal allows minimal internal air leakage for improved dust extraction, even at low suction power
- Quick connect fitting for the dust extraction hose
- Optimized ergonomics that make it comfortable to grip and user-friendly for long operating period

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
5 mm	12,000	Multi-Hole Grip	2 lbs	0.28	17	75 dB	3.2

### MRP-680CV - PROS

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s <sup>2</sup>
8 mm	12,000	Multi-Hole Grip	2.4 lbs	0.28	17	82 dB	3.5





**MR-850THCV**

- Two-handed orbital sander
- Vacuum ready
- 1-1/4" threaded vacuum fitting
- Heavy duty performance and durability with low profile and ergonomic styling
- Easy to handle and results in excellent stability during operation
- Side handle provides an extra gripping point to increase control and reduce effort
- Excellent for industrial applications and sanding larger surfaces

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s 2
5 mm	10,000	Multi-Hole Grip	3.4 lbs	0.46	23	77 dB	4.8

**Hand Sanding Blocks**

**9116F**

Flexible Grip Faced  
Multi-Hole Vacuum Block  
2-3/4" x 16-1/2"



**9116R**

Rigid Grip Faced  
Multi-Hole Vacuum Block  
2-3/4" x 16-1/2"



**MVHB35**

Grip Faced  
Multi-Hole Vacuum Block  
2-3/4" x 5"



**MVHB38**

Grip Faced  
Multi-Hole Vacuum Block  
2-3/4" x 7-1/2"



**MVHB38-K**

Grip Faced w/4 changeable attachments  
(Convex, Concave, Slightly Concave and Flat)  
Multi-Hole Vacuum Block  
2-3/4" x 7-1/2"



**AF4417**

Grip Faced DuraBlock  
Hand Sanding Block  
2-5/8" x 5-1/2"



**AF4418**

Grip Faced DuraBlock  
Hand Sanding Block  
2-5/8" x 11"



**AF4419**

Grip Faced DuraBlock  
Hand Sanding Block  
2-5/8" x 16"



## 1.25" Backup Pads

### 1125G

Grip Faced Backup Pad  
1/4 - 20 thread



### 1125

Vinyl Faced Backup Pad  
1/4 - 20 thread



### 1125S

Vinyl Soft Faced Backup Pad  
1/4 - 20 thread



### 1125S-R

Vinyl Soft Faced Backup Pad  
w/ Twist-Lock Attachment  
1/4 - 20 thread



## 3" Backup Pads

### 2-7/8" 102GG

Grip Faced Backup Pad  
5/16 - 24 thread



### 3" 913G

Grip Faced Backup Pad  
1/4 - 20 thread



### 913GV

Grip Faced Multi-Hole Vacuum Pad  
1/4 - 20 thread



### 3-1/2" 103

Vinyl Faced Backup Pad  
5/16 - 24 thread



### 103HD

Heavy Duty Vinyl Faced Backup Pad  
5/16 - 24 thread



### 934

Vinyl Faced Backup Pad  
2-3/4" x 3-3/4"



### 934GV

Grip Faced Multi-Hole Backup Pad  
2-3/4" x 3-3/4"



### 938GV

Grip Faced Multi-Hole Backup Pad  
2-3/4" x 7-3/4"





## 5" Backup Pads - Grip Faced For Hook & Loop

### 915GV

Multi-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 915GV28\*

Multi-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 915SGV28\*

Soft Multi-Hole Vacuum Backup Pad  
5/16 - 24 thread



\* Best results when used with Mirka® DEROS and PROS tools

### 915SGV

Soft Multi-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 105SG

Soft Backup Pad  
5/16 - 24 thread



### 105SGV

Soft 5-Hole Backup Pad  
5/16 - 24 thread



### 105GV

5-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 105PG

Backup Pad w/ Flexible Edge  
5/16 - 24 thread



## 5" Backup Pads - Vinyl Faced For PSA

### 105P

Backup Pad w/ Flexible Edge  
5/16 - 24 thread



### 105S

Soft Backup Pad  
5/16 - 24 thread



### 105V

5-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 105H

Backup Pad  
5/16 - 24 thread



### 105SV

Soft 5-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 105MS

Medium-Soft Backup Pad  
5/16 - 24 thread



### 105HD

Heavy Duty Backup Pad  
5/16 - 24 thread



## 6" Backup Pads - Grip Faced For Hook & Loop

### 916GV

Multi-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 916GV15

Multi-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 906GV

16-Hole Plenum Vacuum Backup Pad  
5/16 - 24 thread



### 916GV48\*

48-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 916SGV48\*

Multi-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 916SGV

Soft Multi-Hole Vacuum Backup Pad  
5/16 - 24 thread



\* Best results when used with Mirka® DEROS and PROS tools

### 106SG

Soft Backup Pad  
5/16 - 24 thread



### 106GG

Backup Pad  
5/16 - 24 thread



### 106GGP

Backup Pad w/palm hook  
5/16 - 24 thread



### 106GM

Pad for Mirlon Discs  
5/16 - 24 thread



### 106GV

6-Hole Vacuum Backup Pad  
5/16 - 24 thread



### 106SGV

Soft 6-Hole Vacuum Backup Pad  
5/16 - 24 thread



## 6" Backup Pads - Vinyl Faced For PSA

### 106S

Soft Backup Pad  
5/16 - 24 thread



### 106

Backup Pad  
5/16 - 24 thread



### 106P

Backup Pad  
5/16 - 24 thread



### 106V

6-Hole Vacuum Backup Pad  
5/16 - 24 thread



## 8" Backup Pads - Grip Faced For Hook & Loop

### 908GV

Multi-Hole Vacuum Pad



**INTERFACE PADS**

**1022SF**  
Grip Soft Faced  
2-7/8" dia. 3/4" thick

**1033**  
Grip Faced  
3" dia. 1/2" thick

**1033CH**  
Grip Faced  
with 7/8" Hole  
3" dia. 1/2" thick

**1055F**  
Grip Firm Faced  
5-Hole  
5" dia. 3/8" thick

**1055Y**  
Grip Faced  
5-Hole  
5" dia. 1/2" thick

**1066**  
Grip Faced  
6-Hole  
6" dia. 1/2" thick

**1066F**  
Grip Firm Faced  
6" dia. 3/8" thick

**1066SF**  
Grip Soft Faced  
6" dia. 3/4" thick

**1088**  
Grip Faced  
8-Hole  
8" dia. 1/2" thick

**9133**  
Grip Faced  
Multi-Hole  
3" dia. 3/8" thick

**91495**  
Grip Faced Block  
Multi-Hole  
2-3/4" x 5" x 3/8"

**91505**  
Grip Faced Block  
Multi-Hole  
2-3/4" x 7-3/4" x 3/8"

**91528**  
Grip Faced  
Multi-Hole  
5" dia. 3/8" thick

**9155**  
Grip Faced  
Multi-Hole  
5" dia. 3/8" thick

**9155-5**  
Grip Faced  
Multi-Hole  
5" dia. 5 mm thick

**9166**  
Grip Faced  
Multi-Hole  
6" dia. 3/8" thick

**9166-5**  
Grip Faced  
Multi-Hole  
6" dia. 5 mm thick

Example Images



**PROTECTOR PADS**

**9947**  
Grip Faced  
Multi-Hole  
3" dia. 1/8" thick

**99528**  
Grip Faced  
Multi-Hole  
5" dia. 1/8" thick

**9955**  
Grip Faced  
Multi-Hole  
5" dia. 1/8" thick

**9956**  
Grip Faced  
Multi-Hole  
6" dia. 1/8" thick

**9958**  
Grip Faced  
Multi-Hole  
8" dia. 1/8" thick

**MPA-0674**  
Grip Faced  
Multi-Hole  
w/ palm hook  
6" dia. 1/8" thick

**9134**  
Grip Faced  
Multi-Hole  
3" x 4" x 1/8"

**9138**  
Grip Faced  
Multi-Hole  
2-3/4" x 7-3/4" x 1/8"

Example Images



# GRIT COMPARISON CHART

MICRON	US CAMI	FEPA 'P'	JAPAN JIS
500	36	36	36
430	40		
425		40	
350	50		40
336		50	
300			50
270	60	60	
260			
250			60
210			70
200		80	
192	80		
177			80
162		100	
149			90
140	100		
125		120	100
116	120		
100		150	120
93	150		
82	180	180	150
68	220	220	180
60		240	240
52	240	280	280
46		320	320
42	280		
40		360	360
35	320	400	400
30		500	
28	360		500
26		600	600
22	400	800	700
18	500	1000	800
15	600	1200	1000
13		1500	1200
10		2000	1500
8		2500	2000
7		3000	2500
6			
5		5000	3000
3			4000

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Quality from start to finish