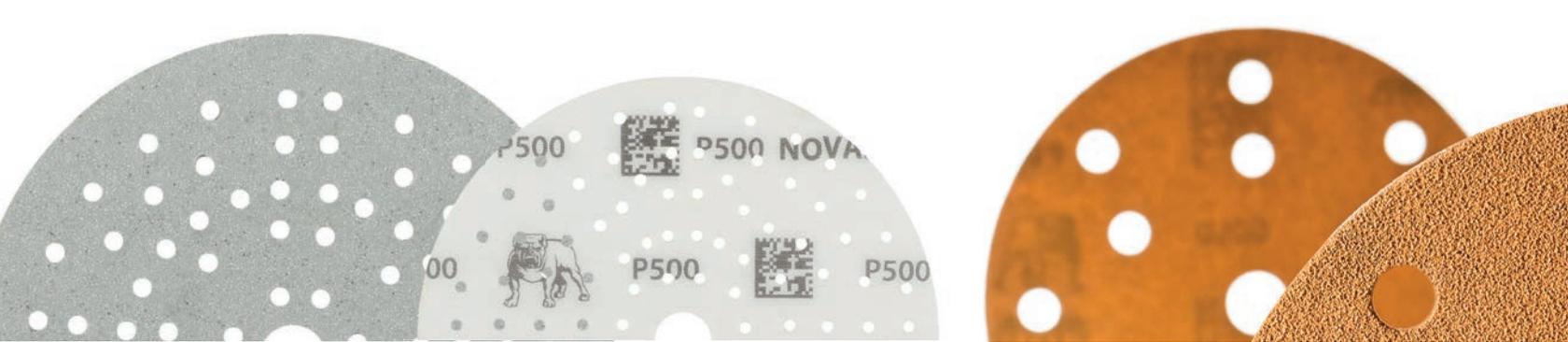


**MIRKA**



# Mirka USA 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 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.

## Foam Abrasives

Abralon's flexible construction creates a smooth sanding pattern on contoured surfaces and edges while minimizing the risk of pressure marks. The flexible weave also allows water and air to pass freely, making it suitable for both dry and wet sanding.

## 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 stearate coatings to prevent clogging which allows for the optimal sanding result.

## Cloth-Backed Abrasives

Mirka's cloth-backed abrasives are intended for machine sanding where extreme durability and 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 sanding material, designed to be extremely flexible and long lasting. They can be used wet or dry, and perform very well when profile sanding.

## Belts

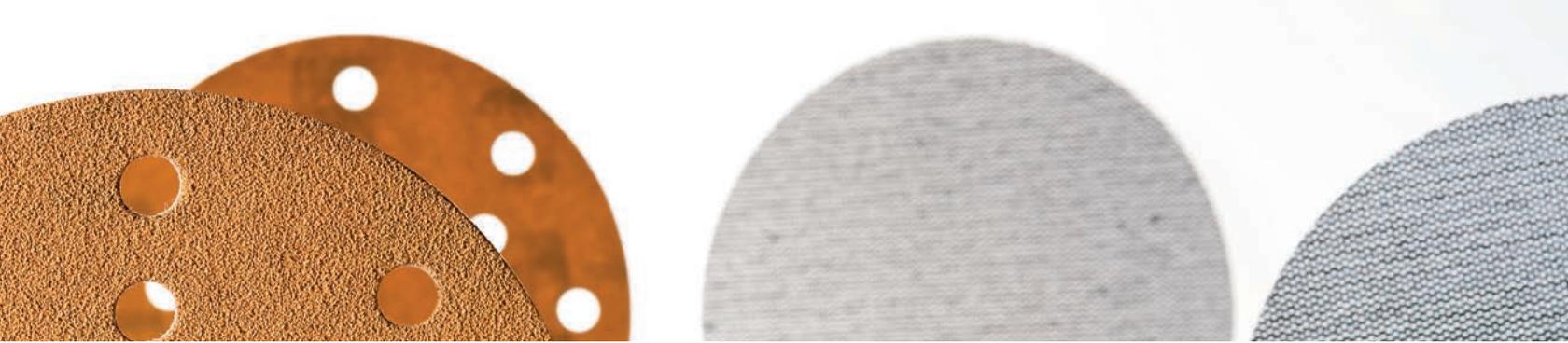
Mirka's abrasive belts are designed with durability and performance in mind; providing a smooth surface with minimal variation of the surface finish. The technology incorporated into the belts reduces excessive surface dust and minimizes raised fibers with the highest level of efficiency.

## Polishing Compounds & Pads

Polarshine® polishing compounds tackle any finishing job, small or large. Pair Polashine with Mirka's lineup of polishing pads to achieve the desired finish.

## Dust-Free Sanding Accessories

Dust extractors, hoses and related accessories that help make up dust-free systems. Carts and trolleys make these systems mobile while keeping all abrasive components organized.



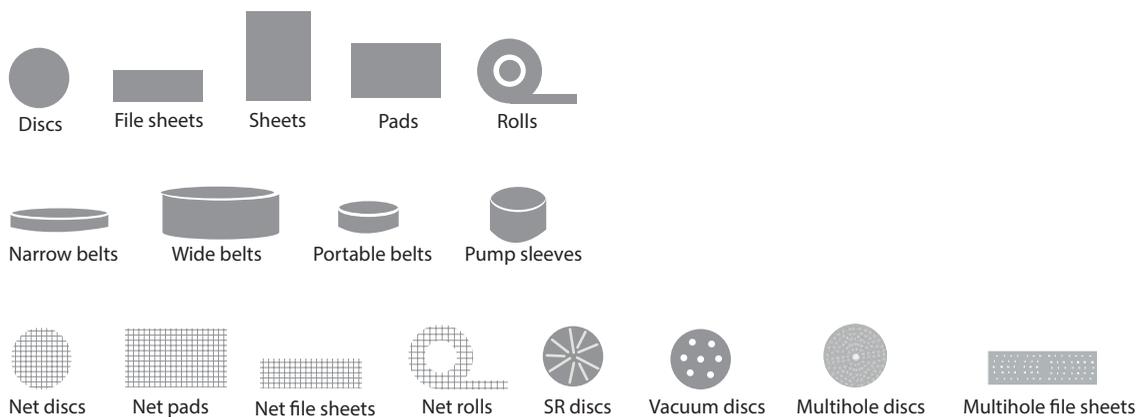
# ABOUT MIRKA

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



## Product Number Reference Guide

**Product numbers are by series, configuration and grit. The last digits of the product number are the GRIT (XXX).**

- EX.** 9A-203-XXX = 9A-203-800 represents Abranet®, 3" disc, P800  
 23-647-XXX = 23-647-320 represents Gold, 5" vacuum disc, P320  
 FM-611-XXX = FM-611-2500 represents Microstar®, 6" vacuum disc, P2500

**For part numbers without dashes - the last two digits XX are the GRITS (ex. Polarstar, FA622050XX)**

- 80 = P80, 10 = P100, 12 = P120, 15 = P150, 18 = P180, 25 = P240, 32 = P320, 41 = P400, 51 = P500, 61 = P600, 81 = P800, 92 = P1000, 93 = P1200, 94 = P1500, 95 = 2000, 96 = 2500



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



**MIRKA WARRANTY POLICY**  
(EFFECTIVE: January 1, 2018)

**Warranty**

Mirka USA 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.

# Industries / Applications



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



Dust-Free

Visit [www.dustfreeperfection.us](http://www.dustfreeperfection.us) for information on Mirka's dust-free sanding products and systems



Glass

Visit [www.mirka.com/glass\\_sanding](http://www.mirka.com/glass_sanding) for information on Mirka's glass sanding products



Industrial

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

## SAFETY WARNINGS



*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.*



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® ACE - AC Series

- Developed to achieve outstanding results on challenging surface conditioning and repair applications
- Well designed for metal applications
- Ceramic/ceramic coated grain
- Removal of dust particles eliminates loading and pilling problems
- Improved woven mesh backing offers increased strength and edge wear
- 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>	Polyamide NET
<b>Coating</b>	Closed
<b>Color</b>	Maroon
<b>Attachment</b>	Grip



Available Sizes		Available Grits
<b>3" Grip</b> <i>AC-203-XXX</i>		P80-P1000
<b>5" Grip</b> <i>AC-232-XXX</i>		P80-P1000
<b>6" Grip</b> <i>AC-241-XXX</i>		P80-P1000
<b>3" x 5" Grip</b> <i>AC-178-XXX</i>		P80-P400

# ABRANET® ACE HEAVY DUTY - AH Series

- Ceramic grains allows for maximum cutting speed and consistent performance across a variety of surfaces and substrates
- Coarse grit range makes this ideal for aggressive stock removal
- Features exceptional resistance to edge wear and clogging
- Net abrasives are a key component for dust-free sanding



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Ceramic
<b>Bonding</b>	Resin over resin
<b>Backing</b>	Polyamide NET
<b>Coating</b>	Closed
<b>Color</b>	Brown
<b>Attachment</b>	Grip



Available Sizes		Available Grits
<b>5" Grip</b> <i>AH-232-XXX</i>		P40, P60, P80
<b>6" Grip</b> <i>AH-241-XXX</i>		P40, P60, P80
<b>8" Grip</b> <i>AH-252-XXX</i>		P40, P60, P80
<b>2-3/4" x 33' Grip</b> <i>AH-570-XXX</i>		P40, P60, P80





# 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



### 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
- Surface finishing of glass surfaces

Available Sizes		Available Grits
<b>1-1/4" Grip</b> 8A-600-XXX		360, 500, 1000, 2000, 4000
<b>3" Grip</b> 8A-203-XXX		180, 360, 500, 1000, 2000, 3000, 4000
<b>5" Grip</b> 8A-232-XXX		180, 360, 500, 600, 1000
<b>6" Grip</b> 8A-241-XXX		180, 360, 500, 1000, 2000, 3000, 4000
<b>9" Grip</b> 8A-616-XXX		360, 500, 1000, 2000
<b>12" Grip</b> 8A-618-XXX		180, 360, 500, 1000, 2000
<b>3" x 4"*</b> XS-8A-129-XXX		180, 360, 500, 1000
<b>3.2" x 5.2"*</b> XS-8A-178-XXX		180, 360, 500, 1000, 2000, 3000, 4000
<b>3.67" x 9"*</b> XS-8A-121-XXX		180, 360, 500, 1000

\* 3" x 4" / 3.2" x 5.2" / 3.67" x 9"  
Custom order only.  
Minimum 2 week lead time.



# NOVASTAR™ - FG Series

Novastar™ tackles demanding surfaces with unexpected ease. Made with state-of-the-art technology, this tough film abrasive is made to last and keeps sanding longer. The new non-stick coating practically repels dust, so there is no clogging.

Dust extraction is efficient and convenient with Mirka's new multihole pattern. Just place and go. Novastar is ideal for hard surfaces where a robust abrasive is needed.

*When sanding feels like a challenge, let Novastar surpass your expectations.*

- Aggressive initial cut in coarse grits for heavy duty applications
- Long lasting disc life means excellent performance using fewer discs
- Consistent scratch pattern provides the desired finish
- Effective multihole pattern delivers outstanding performance without clogging
- Premium film backing offers outstanding edgewear resistance, flexibility and grain adhesion



## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Ceramic / Aluminum oxide
<b>Color</b>	Transparent
<b>Backing</b>	Polyester film
<b>Bonding</b>	Low VOC resin system
<b>Grit range</b>	80 – 180, P240 – P600
<b>Attachment</b>	Grip
<b>Coating</b>	Semi-open



Available Sizes	Available Grits
<b>5" Grip</b> FG-5MH-XXX	80-180, P240-P600
<b>6" Grip</b> FG-6MH-XXX	80-180, P240-P600

# 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
<b>3" Grip</b> FM-608-XXX	P800-P2500
<b>3" 6-Hole Grip</b> FM-634-XXX	P800-P2500
<b>5" Grip</b> FM-612-XXX	P800-P2500
<b>6" Grip</b> FM-622-XXX	P800-P2500
<b>6" 15-Hole Grip</b> FM-611-XXX	P800-P2500



# IRIDIUM - 24 Series

Introducing Mirka® Iridium, produced with cutting edge technology and perfected for speed and efficiency. From coarse to fine grits, Iridium cuts faster with fewer steps on both soft and hard surfaces. Thanks to the new precision coating, the abrasive does not wear out easily. It practically repels dust, so the grains stay sharp longer. Dust extraction is efficient and convenient with Mirka's new multihole pattern. Just place and go.

**Get to the finish line faster – move up a gear.**

- Fast sanding and consistent scratch pattern saves you time and money
- Consistent quality and non-stick coating repels dust and provides a long disc life
- Effective multihole pattern delivers outstanding performance without clogging
- Premium paper backing offers remarkable flexibility and grain adhesion

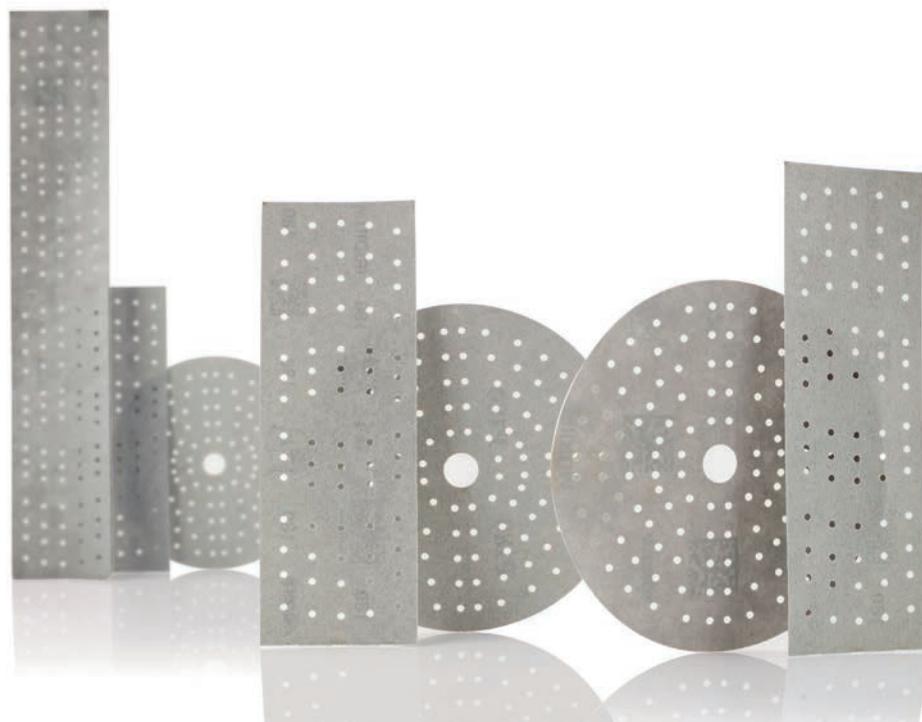


## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Ceramic / Aluminum oxide
<b>Color</b>	Gray
<b>Backing</b>	Latex C-paper
<b>Bonding</b>	Low VOC resin system
<b>Grit range</b>	40 – 600
<b>Attachment</b>	Grip
<b>Coating</b>	Semi-open



Available Sizes		Available Grits
<b>5" Grip</b> 24-5MH-XXX		40-600
<b>6" Grip</b> 24-6MH-XXX		40-600
<b>3.2" x 5.2" Grip</b> 24-35M-XXX		60-400
<b>2.75" x 16" Perf Grip*</b> 24-38P-XXX <i>* perforations every 8"</i>		60-400



## 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
<b>3" Grip</b> 2B-608-XXX		P80-P400
<b>3" 6-Hole Grip</b> 2B-634-XXX		P80, P180, P320
<b>5" Grip</b> 2B-612-XXX		P80-P500
<b>5" PSA</b> 2B-332-XXX		P80-P500
<b>5" 5-Hole Grip</b> 2B-614-XXX		P80-P500
<b>5" 17-Hole Grip</b> 2B-647-XXX		P80-P500
<b>6" PSA Linkrol</b> 2B-342-XXX		P80-P500
<b>6" Grip</b> 2B-622-XXX		P80-P500
<b>6" 15-Hole Grip</b> 2B-611-XXX		P80-P500
<b>2-3/4" x 16-1/2" Grip</b> 2B-663-XXX		P80, P120, P180, P220, P320
<b>2-3/4" x 60' PSA</b> 2B-574-XXX		P80
<b>2-3/4" x 120' PSA</b> 2B-584-XXX		P120-P400

## Q.SILVER® Ace - 2C Series

- Developed to achieve outstanding results on challenging surface conditioning and repair applications
- Well suited for metal applications
- Ceramic/ceramic coated grain
- Self-sacrificing stearate coating to reduce clogging and loading
- Semi-open coat design provides fast finishing



### TECHNICAL SPECIFICATIONS

<b>Grain</b>	Ceramic P80-P240 Ceramic coated P320-P500
<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
<b>1-1/4" Grip</b> XS-2C-600-XXX		P80-P500
<b>3" 6-Hole Grip</b> 2C-634-XXX		P80-P500
<b>5" Grip</b> 2C-612-XXX		P80-P500
<b>5" 17-Hole Grip</b> 2C-647-XXX		P80-P500
<b>5" PSA</b> 2C-332-XXX		P80-P220
<b>6" Grip</b> 2C-622-XXX		P80, P120, P180, P320, P400, P500
<b>6" 15-Hole Grip</b> 2C-611-XXX		P80-P500
<b>2-3/4" x 5" Grip</b> 2C-674-XXX		P80, P180, P320
<b>2-3/4" x 7-3/4" Grip</b> 2C-635-XXX		P80, P180, P320
<b>2-3/4" x 16-1/2" Grip</b> 2C-664-XXX		P80, P120, P180, P220, P320

# Q.SILVER® Micro - 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 buffing
- 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
<b>3" Grip</b> 2C-608-XXX		600-1500
<b>5" Grip</b> 2C-612-XXX		600-1500
<b>5" PSA</b> 2C-332-XXX		600
<b>5" 5-Hole Grip</b> 2C-614-XXX		600-1000
<b>5" 17-Hole Grip</b> 2C-647-XXX		800
<b>6" Grip</b> 2C-622-XXX		600-1500
<b>6" PSA</b> 2C-341-XXX		600, 800
<b>6" 15-Hole Grip</b> 2C-611-XXX		600-1500

# 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
<b>9" x 11" Plain</b> 23-104-XXX		P80-P800
<b>4.5" x 5.5" Plain</b> XS-23-114-XXX		P80-P400
<b>3.67" x 9" Plain</b> XS-23-121-XXX		P80-P500



# 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
<b>4-1/2" x 5" Plain</b> 23-145-XXX		P150-P1000



# BULLDOG GOLD - 23 Series

- Designed for both finishing and heavy stock removal
- Aluminum oxide grain delivers a fast, and 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>1-1/4" Grip</b> XS-23-600-XXX		P80-P500
<b>3" Grip</b> 23-608-XXX		P80-P800
<b>3" 6-Hole Grip</b> 23-634-XXX		P80-P800
<b>3-1/2" PSA</b> 23-308-XXX		P80-P400
<b>5" Grip</b> 23-612-XXX		P36-P800
<b>5" PSA</b> 23-332-XXX		P36-P800
<b>5" PSA Linkrol</b> 23-314-XXX		P80-P800
<b>5" PSA Autobox</b> 23-388-XXX		P80-P400
<b>5" 5-Hole Grip</b> 23-614-XXX		P60-P800
<b>5" 5-Hole PSA</b> 23-321-XXX		P60-P400
<b>5" 8-Hole Grip</b> 23-615-XXX		P80-P400
<b>5" 8-Hole PSA</b> 23-320-XXX		P80-P400
<b>5" 17-Hole Grip</b> 23-647-XXX		P60-P800

Available Sizes		Available Grits
<b>6" Grip</b> 23-622-XXX		P36-P800
<b>6" PSA</b> 23-341-XXX		P36-P800
<b>6" PSA Linkrol</b> 23-342-XXX		P80-P500
<b>6" PSA Autobox</b> 23-379-XXX		P80-P400
<b>6" 6-Hole Grip</b> 23-624-XXX		P60-P320
<b>6" 6-Hole PSA Linkrol</b> 23-343-XXX		P80-P400
<b>6" 15-Hole Grip</b> 23-611-XXX		P80-P800
<b>8" Grip</b> 23-631-XXX		P36, P80, P150, P180
<b>8" PSA</b> 23-352-XXX		P36, P40, P80-P400
<b>8" 8-Hole Grip</b> 23-632-XXX		P180, P320
<b>2-3/4" x 5" 8-hole Grip</b> 23-368-XXX		P80-P320
<b>2-3/4" x 7-3/4" 8-hole Grip</b> 23-365-XXX		P80-P320
<b>2-3/4" x 16-1/2" PSA</b> 23-364-XXX		P36, P40, P60, P80, P120
<b>2-3/4" x 16-1/2" Grip</b> 23-663-XXX		P36, P40, P80,
<b>2-3/4" x 17-1/2" Plain</b> 23-170-XXX		P36-P220
<b>2-3/4" x 60' PSA</b> 23-574-XXX		P80, P100
<b>2-3/4" x 120' PSA</b> 23-584-XXX		P120-P600
<b>4-1/2" x 30' PSA</b> 23-573-XXX		P80-400

# 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

**6" 15-Hole Grip**  
23-645-XXX



### Available Grits

P320, P500, P800

# 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" Grip</b> 40-608-XXX		P40, P80
<b>5" Grip</b> 40-612-XXX		P36-P150
<b>5" PSA</b> 40-332-XXX		P36-P150
<b>5" 5-Hole Grip</b> 40-614-XXX		P40-P150
<b>6" Grip</b> 40-622-XXX		P36-P120
<b>6" PSA</b> 40-341-XXX		P36-P150
<b>6" 6-Hole Grip</b> 40-624-XXX		P36-P120
<b>8" Grip</b> 40-631-XXX		P36-P150
<b>8" PSA</b> 40-352-XXX		P36-P150
<b>8" 8-Hole Grip</b> 40-632-XXX		P40, P80, P150
<b>2-3/4" x 16-1/2" Grip</b> 40-663-XXX		P36-P150
<b>2-3/4" x 16-1/2" PSA</b> 40-364-XXX		P36, P40, P80, P100, P120
<b>2-3/4" x 16-1/2" 18-Hole Grip</b> XS-40-698-XXX		P40, P80

# 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 C-paper, P1000-P1500 B-paper
<b>Coating</b>	Semi-open
<b>Color</b>	Blue
<b>Attachment</b>	Grip, PSA and Plain



Available Sizes		Available Grits
<b>5" Grip</b> 22-612-XXX		P40-P400
<b>5" PSA</b> 22-332-XXX		P600, P800
<b>5" PSA Linkrol</b> 22-314-XXX		P80-P500
<b>6" Grip</b> 22-622-XXX		P40-P800
<b>6" PSA</b> 22-341-XXX		P40, P600, P800
<b>6" PSA Linkrol</b> 22-342-XXX		P80-P500
<b>8" PSA</b> 22-352-XXX		P40, P80
<b>8" Grip</b> 22-631-040		P40
<b>4-1/2" x 5-1/2" Plain</b> XS-22-114-XXX		P80, P180, P220
<b>3.67" x 9" Plain</b> XS-22-121-XXX		P40-P320
<b>4-1/2" x 11" Plain</b> XS-22-124-XXX		P120
<b>2-3/4" x 16-1/2" PSA</b> 22-364-XXX		P40, P80
<b>9" x 11" Plain</b> 22-101-XXX		P40-P400
<b>4-1/2" x 30" PSA</b> 22-573-XXX		P80-P320
<b>2-3/4" x 75" PSA Autokut</b> 22-580-XXX		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
<b>5" Grip</b> 02-612-XXX		P80, P180, P320
<b>5" PSA Linkrol</b> 02-314-XXX		P100-P320
<b>4-1/2" x 5-1/2" Plain</b> XS-02-114-XXX		P180-P320
<b>3.67" x 9" Plain</b> XS-02-121-XXX		P180-P400
<b>4-1/2" x 11"</b> XS-02-124-XXX		P220, P240
<b>9" x 11" Plain</b> 02-101-XXX		P80-P400
<b>2-1/2" PSA*</b> 02-560-XXX		P120-P320
<b>3-1/4" PSA*</b> 02-570-XXX		P320

\* Special order ONLY.  
Lengths vary from 70" for P120 to 125" for P320

# WATERPROOF - 21 Series

- Waterproof paper offers full resin bonding on quality latex coated 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–P3000
<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
<b>1-1/4" PSA</b> 21-300-XXX		P2500, P3000
<b>1-3/8" PSA</b> 21-800-XXX		P1500, P2000
<b>4-1/2" x 5-1/2" Plain</b> XS-21-114-XXX		P150-P1200
<b>3.67" x 9" Plain</b> XS-21-121-XXX		P400-P2500
<b>5-1/2" x 11" Plain</b> 21-118-XXX		P1000-P2500
<b>9" x 11" Plain</b> 21-104-XXX		P80-P2500

# HIOLIT XO (51) Series / JF (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



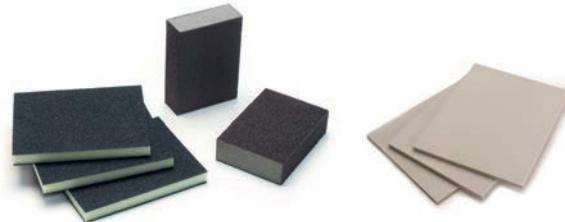
## TECHNICAL SPECIFICATIONS

<b>Grain</b>	Aluminum oxide
<b>Bonding</b>	Resin over resin
<b>Backing</b>	X-weight cotton cloth (51) J-weight cotton cloth (56)
<b>Coating</b>	Closed
<b>Color</b>	Maroon
<b>Attachment</b>	PSA



Available Sizes		Available Grits
<b>5" PSA</b> 56-332-XXX		P60-P400
<b>5" Heavy Duty PSA</b> 51-332-XXX		P40-P150

# ABRASIVE SPONGES



## TECHNICAL SPECIFICATIONS

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



Available Sizes	Available Grits	Description
<b>2-3/4" x 4-3/4" x 1/2"</b> 1351-XXX	100-400	Double sided abrasive sponge
<b>2-3/4" x 4" x 1"</b> 1353-XXX	60-220	Four sided abrasive sponge
<b>3" x 4" x 1/2"</b> MGS34-150B	150	Single sided grip backed abrasive sponge
<b>4-1/2" x 5-1/2" x 1/4"</b> 1355-XXX	60-600	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 (XF 800, 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 (XF,UF, MF)
<b>Bonding</b>	Resin
<b>Backing</b>	Non-Woven
<b>Coating</b>	Three dimensional Total Coating
<b>Color</b>	Red (VF), Black (XF), Gray (UF), Gold (MF)



Available Sizes	Available Grits
<b>4-1/2" x 9"</b> 18-118-447	VF (360) Red
<b>4-1/2" x 9"</b> 18-118-446	XF (800) Black <b>NEW!</b>
<b>4-1/2" x 9"</b> 18-118-448	UF (1500) Gray
<b>4-1/2" x 9"</b> 18-118-449	MF (2500) Gold
<b>4-1/2" x 33'</b> 18-573-373	VF (360) Red
<b>4-1/2" x 33'</b> 18-573-943	UF (1500) Gray

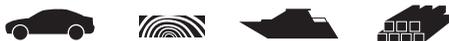
# MIRLON - 18 Series

- 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
<b>5" Disc</b> 18-232-VBF	Very Fine (Maroon)
<b>6" Disc</b> 18-241-447	Very Fine (Maroon)
<b>6" Disc</b> 18-241-448	Ultra Fine (Gray)
<b>6"x 9" Pad</b> 18-111-447	Very Fine (Maroon)
<b>6"x 9" Pad</b> 18-111-448	Ultra Fine (Gray)
<b>4" x 33' Roll</b> 18-573-447	Very Fine (Maroon)
<b>4" x 33' Roll</b> 18-573-448	Ultra Fine (Gray)

Available Sizes  
**250ml**  
**1L**  
**5L**  
**17L**

Part Number  
*PC35-025L*  
*PC35-1L*  
*PC35-5L*  
*PC35-17L*



## 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, refinish coatings and composites
- Silicone free

Available Sizes  
**1L**

Part Number  
*PC20-1L*



## POLARSHINE® 20

- Polishing compound for removal of Golden Finish sanding steps 1 and 2
- Also suitable for removal and leveling of fine orange peel
- Perfect balance for high gloss and speed
- Silicone free

Available Sizes  
**1L**

Part Number  
*PC15-1L*



## POLARSHINE® 15

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

Available Sizes  
**1L**

Part Number  
*PC12-1L*



## POLARSHINE® 12

- Designed for single step polishing in AOEM/Tier1 applications
- Removes scratches from P2500 or higher
- Perfect balance of final gloss and speed
- Water based and silicone free

Available Sizes  
**250ml**  
**1L**  
**5L**

Part Number  
*PC10-025L*  
*PC10-1L*  
*PC10-5L*



## POLARSHINE® 10

- Medium duty compound can buff and polish by simply changing pads
- Removes sanding scratches without fillers
- Suitable for all paint systems including scratch resistant clear coats
- Silicone free

Available Sizes  
**1L**  
**5L**

Part Number  
*PC8-1L*  
*PC8-5L*



## POLARSHINE® 8

- Designed for single step polishing in AOEM/Tier1 applications
- 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**

Part Number  
*FC5-1L*



## POLARSHINE® VF5

- 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**

Part Number  
*PC3-1L*



## 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

Twisted Wool  
Polishing Pad



Available Sizes

- 3" dia.**  
*MPADTW-3*

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- 6" dia. x 1"**  
*MPADTW-6*

---

- 7.5" dia. x 1"**  
*MPADTW-7.5*

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- 7.5" dia. x 1-1/2"**  
*MPADTW-7.5-1.5*

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- 8" dia. x 1" Double Sided**  
*MPADDS-8*

## Medium cutting

Yellow Twisted  
Acrylic Wool  
Polishing Pad



Available Sizes

- 7.5" dia. x 1"**  
*MPADWY-7.5*

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- 7.5" dia. x 1-1/2"**  
*MPADWY-7.5-1.5*

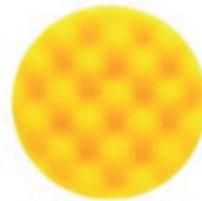
Yellow  
Lambswool  
Polishing Pad



Available Sizes

- 6" dia. x 1"**  
*MPADLWY-6*

Yellow Foam Pad



Available Sizes

- 3-1/4" dia. x 1-1/4"**  
*MPADYF-3.25*

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- 6" dia. x 1" Flat**  
*MPADYF-6*

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- 6" dia. x 1" Waffle**  
*MPADYF-6W*

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- 8" dia. x 1-1/4" Waffle**  
*MPADYF-8W*

Orange  
Foam Pad



Available Sizes

- 3-5/8" dia. x 1/2" Flat**  
*5723OP*

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- 3-1/4" dia. x 1-1/4" Waffle**  
*MPADOF-3.25W*

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- 6" dia. x 1-1/4" Waffle**  
*MPADOF-6W*

---

- 8" dia. x 1-1/4" Dimple**  
*MPADOF-8*

# POLISHING PADS

## Light Cutting

White  
Foam Pad



Available Sizes

**8" dia. x 1-1/4"**  
MPADWF-8

## Polishing

Lambs Wool  
Polishing Pad



Available Sizes

**3" dia. x 1"**  
MPADLW-3

**6" dia. x 1"**  
MPADLW-6

**7" dia. x 1"**  
MPADLW-7

**7.5" dia. x 1"**  
MPADLW-7.5

Black  
Foam Pad



Available Sizes

**3-5/8" dia. x 1/2" Flat**  
5723BP

**3-1/4" dia. x 1-1/4"**  
MPADBF-3.25

**6" dia. x 1"**  
MPADBF-6

**8" dia. x 1-1/4"**  
MPADBF-8

## Glass Polishing

Felt Pad



Available Sizes

**3" dia. x 1/4"**  
MPADFP-3

**5" dia. x 1/4"**  
MPADFP-5

*\* Used for glass polishing*

Available Sizes  
**1L**

Part Number  
PE3-1L



## POLARSHINE® E3

- Designed for polishing out scratches on glass surfaces
- Suitable for most glass types and removes marks permanently
- Water based & silicone free



# DUST-FREE SANDING MOBILE SOLUTIONS

## THE SMART CART

MAI-CART-912

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

- Locking cabinet for inventory control
- Large 17-3/4" x 27" work surface
- Two 15-3/4" x 12" x 2-3/4" Drawers
- A movable platform is provided for the MV-912 dust extractor
- Dedicated tool rests are located on a wire rack
- Storage for polish bottles or aerosol cans
- Premium casters incorporate a foot pedal wheel brake and swivel lock
- Powder-coated steel construction offers years of dependable service.



Pre-packaged cart solutions are available. Products shown does not come with cart. 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



Pre-packaged trolley solutions are available. Products shown do not come with trolley. Trolley (9190310111) available separately.





# DUST EXTRACTOR

MV-912

- Variable vacuum control powerful enough for use by multiple users with optional dual-operator fitting
- 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

## ACCESSORIES



MV-912PB

Pneumatic box

- Auto On/Off vacuum control for pneumatic sander



MV-412DOK

Dual Operator Kit

- Allows use of two Sanders with one MV-912 dust extractor



MAI-CART-AUXAIR

- 36" Auxiliary air line and manifold assembly for mobile systems



MV-412FE

Filter Element

- Use with MV-912 dust extractor



MV-912DB

Dust Bag

- Use with MV-912 dust extractor



S-BLADE

- "Shark Blade" Denibbing tool



9193500111 (Black)  
9193600111 (White)

- Dry guide coat



M-9915G

- Microfiber cleaning cloth

## MIRKA TOOL ACCESSORIES



MIE6517211  
Mirka DEROS / DEOS  
110V Power Cord



MPA-0465  
MR SGV Series  
Paper Dustbag  
(1 Pack / 9" x 17")



MPA-0110  
MR SGV Series  
Cloth Dustbag Cover  
(1 Pack / 9.25" x 18")



MRP-SGVB  
PROS SGV Series  
Fleece Dustbag  
(3 Pack / 8.5" x 12.5")

# DUST EXTRACTOR HOSES

## Electric Sander Hoses



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 and DEOS only

## Pneumatic Sander Hoses



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 Mirka® PROS or MR Series pneumatic tools

## Vacuum Hoses



MV-412HA-ADAP

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



MIN6519411

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



91100 - A

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



MIN6519711

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





### Mirka® DEOS 353 MID3530201US

- Low profile allows for easy maneuverability
- Vacuum-ready
- 3.2" x 5.2" Grip faced vacuum pad
- Ideal for narrow or small spaces
- Max OPM can be adjusted from 5,000-10,000opm
- Bluetooth connectivity pairs with myMirka App



Orbit	OPM	Pad Face	Weight	Noise
3 mm	5,000 -10,000	Multi-Hole Grip	2 lbs	69 dB



### Mirka® DEOS 383 MID3830201US

- Low profile allows for easy maneuverability
- Vacuum-ready
- 2-3/4" x 7-3/4" Grip faced vacuum pad
- Ideal for automotive repair sanding
- Max OPM can be adjusted from 5,000-10,000opm
- Bluetooth connectivity pairs with myMirka App



Orbit	OPM	Pad Face	Weight	Noise
3 mm	5,000 -10,000	Multi-Hole Grip	2.2 lbs	71 dB



### MR-3

- 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 2
2.5 mm	12,000	PSA	1.12 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 2
2.5 mm	12,000	6-Hole Grip	1.3 lbs	0.28	17	84 dB	2.6





### 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-30TH

- Two-handed rotary polisher/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

- Random orbital polisher/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





**Mirka® PROS NV (Non-Vacuum)**

- Random orbital sander
- Easy to reach speed regulator
- Cover lifts for access to the air supply connection, locking the lever in the off position
- Optimized ergonomics that make it user-friendly and comfortable to grip for long operating period

**Mirka® PROS Non-Vac (MRP-525NV)**

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

**Mirka® PROS Non-Vac (MRP-550NV)**

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

**Mirka® PROS Non-Vac (MRP-580NV)**

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-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



**MR-5SGV**

- 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





## Mirka® DEROS 650CV MID65020CAUS

- Random orbital electric sander (110V)
- Vacuum-ready
- 1-1/4" hose threaded vacuum fitting
- Brushless DC motor technology
- Secure threaded fitting for the dust extraction hose
- Digitally controlled with variable speeds
- Bluetooth connectivity pairs with myMirka App
- 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

## Mirka® PROS - CV / SGV

- Random orbital sander
- Vacuum-ready (CV), Self-Generating Vacuum (SGV), and Non-Vac (NV) available
- Easy to reach speed regulator
- Cover lifts for access to the air supply connection, locking the lever in the off position
- Optimized ergonomics that make it user-friendly and comfortable to grip for long operating period
- 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
- Fleece dust bag has a large capacity which means fewer bag changes
- Fleece dust bag has a longer product life
- No need for a safety nylon bag for protection
- Can be used with the Mirka paper bag system (must use nylon bag also)
- For SGV accessories see page 28

## Mirka® PROS (MRP-650CV)



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

## Mirka® PROS (MRP-680CV)

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



## Mirka® PROS SGV (MRP-650SGV)

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	78 dB	3.0





### 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 2
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 2
8 mm	12,000	Multi-Hole Grip	2.2 lbs	0.28	17	82 dB	3.3



### MR-610TH

- Two-handed 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 2
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 2
10 mm	12,000	Multi-Hole Grip	2.9 lbs	0.46	21	90 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 2
6 mm	12,000	PSA	1.87 lbs	0.28	17	83 dB	3.3



**MR-850THCV**

- Two-handed random 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**

**Vacuum Hand Sanding**

**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 with 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**  
Medium,  
Grip Faced  
Backup Pad  
1/4 - 20 thread



**1125**  
Medium,  
Vinyl Faced  
Backup Pad  
1/4 - 20 thread



**1125S**  
Soft, Vinyl Faced  
Backup Pad  
1/4 - 20 thread



**1125S-R**  
Soft, Vinyl Faced  
Backup Pad  
w/Twist-Lock Attachment



**1125SG-R**  
Soft, Grip Faced  
Backup Pad  
w/Twist-Lock Attachment



**1125H-R**  
Hard, Vinyl Faced  
Backup Pad  
w/Twist-Lock Attachment



## 3" Backup Pads

**102GG**  
2-7/8" Grip Faced  
Medium, Backup Pad  
5/16 - 24 thread



**913G**  
Medium, Grip Faced  
Backup Pad  
1/4 - 20 thread



**913GV**  
Medium, Grip Faced Multi-Hole  
Vacuum Backup Pad  
1/4 - 20 thread



## 3.5" Backup Pads

**103**  
Medium, Vinyl Faced  
Backup Pad  
5/16 - 24 thread



**103HD**  
Heavy Duty Vinyl  
Backup Pad  
5/16 - 24 thread





## 5" Backup Pads - Vinyl Faced For PSA

**105**  
Medium,  
Backup Pad  
5/16 - 24 thread



**105H**  
Medium, Backup Pad  
Hardened Shank  
5/16 - 24 thread



**105MS**  
Medium-Soft,  
Backup Pad  
5/16 - 24 thread



**105HD**  
Heavy Duty Vinyl  
Medium, Backup Pad  
5/16 - 24 thread



**105S**  
Soft,  
Backup Pad  
5/16 - 24 thread



**105P**  
Medium, Backup Pad  
w/ Flexible Edge  
5/16 - 24 thread



**105V**  
Medium, 5-Hole  
Vacuum Backup Pad  
5/16 - 24 thread



**105SV**  
Soft, 5-Hole  
Vacuum Backup Pad  
5/16 - 24 thread





## 6" Backup Pads - Vinyl Faced For PSA

**106**  
Medium,  
Backup Pad  
5/16 - 24 thread



**106S**  
Soft,  
Backup Pad  
5/16 - 24 thread



**106P**  
Medium,  
Backup Pad  
5/16 - 24 thread



**106V**  
Medium, 6-Hole  
Vacuum Backup Pad  
5/16 - 24 thread



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

**908GV**  
Medium, Multi-Hole  
Vacuum Backup Pad  
for MR-850THCV



## Rectangular Backup Pads

**934**  
Vinyl Faced  
Backup Pad  
3" x 4"



**935GV**  
Grip Faced  
Multi-Hole Backup Pad  
3.2" x 5.2"



**938GV**  
Grip Faced  
Multi-Hole Backup Pad  
2-3/4" x 7-3/4"



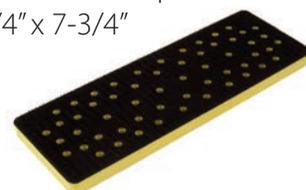
**934GV**  
Grip Faced  
Multi-Hole Backup Pad  
3" x 4"



**935GV-E (electric)**  
Grip Faced  
Multi-Hole Backup Pad  
w/pad saver 3.2" x 5.2"



**938GV-E (electric)**  
Grip Faced  
Multi-Hole Backup Pad  
2-3/4" x 7-3/4"



**Interface Pads**

**9133**

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

**9135**

Grip Faced  
Multi-Hole  
3.2" x 5.2"

**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

**91495**

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

**91528**

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

**91505**

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

**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

Example Images



**Protector Pads**

**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"

**9935**

Grip Faced  
Multi-Hole  
3.2" x 5.2"

**9947**

Grip Faced  
Multi-Hole  
3" 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

**99528**

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

**MPA-0674**

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

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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