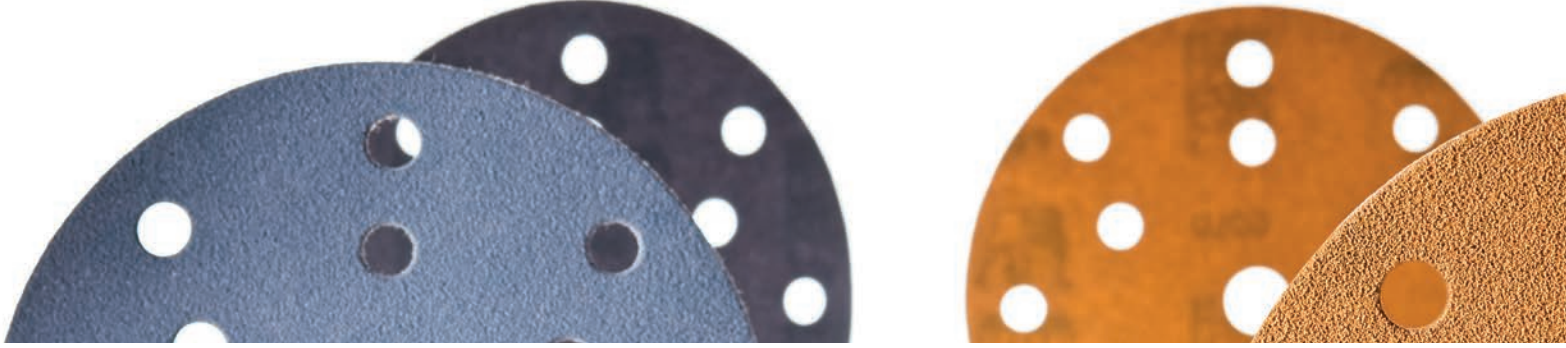


Product Catalog





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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 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. 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 line up 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 will keeping all abrasive components organized.



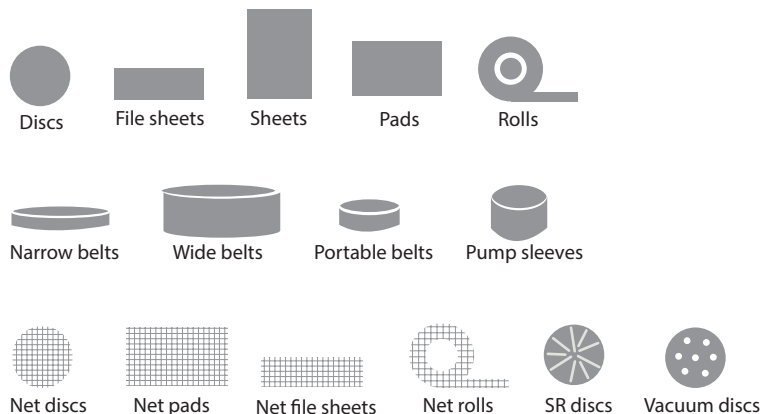
ABOUT MIRKA

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 GRITS (ex. Polarstar, FA622050XX)

- 08 = 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



Visit www.mirka.com for general information on Mirka's products and systems

MIRKA WARRANTY POLICY
(EFFECTIVE: January 1, 2017)

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, 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 for information on Mirka's automotive products and applications



Marine/
Composite

Visit www.mirkamarine.us for information on Mirka's marine / composite products and applications



Wood

Visit www.mirkawoodworking.us for information on Mirka's woodworking products and applications



Dust-Free

Visit www.dustfreeperfection.us for information on Mirka's dust-free sanding products and systems



Glass

Visit www.mirka.com/glass_sanding for information on Mirka's glass 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[®] - 9A Series

















- High performance and long lifespan
- 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

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



Available Sizes		Available Grits
1-1/4" Grip 9A-600-XXX		P80-400
3" Grip 9A-203-XXX		P80-P1000
5" Grip 9A-232-XXX		P80-P1000
6" Grip 9A-241-XXX		P80-P1000
8" Grip 9A-252-XXX		P80, P120, P180, P240, P320, P400, P600
9" Grip 9A-223-XXX		P80, P100, P120, P150, P180, P240
11" Grip 9A-262-XXX		P80, P120, P150, P180, P240, P320, P400
2-3/4" x 30' Grip 9A-570-XXX		P80-P400
2-3/4" x 5" Grip 9A-149-XXX		P80-P600
2-3/4" x 8" Grip 9A-150-XXX		P80-P600
2-3/4" x 16-1/2" Grip 9A-151-XXX		P80-P400
3-2/3" x 82' Grip 9A-593-XXX		P320, P400, P600, P800
3" x 4" Grip 9A-129-XXX		P80, P120, P180, P240, P320
3" x 5" Grip 9A-178-XXX		P80 - P600
4-1/2" x 33' Grip 9A-110-XXX		P80, P100, P120, P180, P240, P320, P400
4-1/2" x 82' Grip 9A-125-XXX		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
- 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

Grain	Ceramic/Ceramic coated
Bonding	Resin over resin
Backing	Polypropylene (PP)
Coating	Closed
Color	Maroon
Attachment	Grip



Available Sizes		Available Grits
3" Grip AC-203-XXX		P80-P1000
5" Grip AC-232-XXX		P80-P1000
6" Grip AC-241-XXX		P80-P1000
3" x 5" Grip AC-178-XXX		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

Grain	Ceramic
Bonding	Resin over resin
Backing	Net
Coating	Closed
Color	Brown
Attachment	Grip



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



ABRANET® SiC NS - 9B Series

- Multifunctional net abrasive without stearate
- Suitable for finishing glass, plastics, rubber and composites
- Eliminates clogging and pilling
- Offers high performance and long life
- Net abrasives are a key component for dust-free sanding



TECHNICAL SPECIFICATIONS

Grain	Silicon Carbide
Bonding	Resin
Backing	Polyamide fabric
Coating	Closed
Color	Gray
Attachment	Grip

Available Sizes	Available Grits
3" Grip 9B-203-XXX 	P80, P120, P150, P180, P240, P320, P400 *3" Custom-order only. Minimum 2-week lead time
5" Grip 9B-232-XXX 	P80, P120, P150, P180, P240, P320, P400








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
- Rolls have perforations every 2-3/4" making it simple to get the desired length.
- Net abrasives are a key component for dust-free sanding



TECHNICAL SPECIFICATIONS

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

Available Sizes	Available Grits
3" Grip AE-203-XXX 	P80-P800
5" Grip AE232050XX 	P80-P800
6" Grip AE241050XX 	P80-P800
3" x 4" Grip AE-129-XXX 	P120, P180
2-3/4" x 33' Grip AE-570-XXX 	P80-P600 Perforated every 2-3/4"



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
- Rolls are performed every 2-3/4"

TECHNICAL SPECIFICATIONS
















Color	Yellow
Attachment	Grip



- Visit www.mirka.com/osp for more information



- Not all products shown come with cart

	Available Sizes		Application
OSP 1	3" Grip OS-203-001		Paint removal Body filler sanding
	6" Grip OS-241-001		Paint removal Body filler sanding
	2-3/4" x 8" Grip OS-150-001		Paint removal Body filler sanding
	2-3/4" x 33' Grip OS-570-001		Paint removal Body filler sanding
OSP 2	3" Grip OS-203-002		Body filler/glaze sanding
	6" Grip OS-241-002		Body filler/glaze sanding
	2-3/4" x 8" Grip OS-150-002		Body filler/glaze sanding
	2-3/4" x 33' Grip OS-570-002		Body filler/glaze sanding
OSP 3	3" Grip OS-203-003		Primer prep
	6" Grip OS-241-003		Primer prep
	2-3/4" x 8" Grip OS-150-003		Primer prep
	2-3/4" x 33' Grip OS-570-003		Primer prep
OSP 4	4-1/2" x 5" Grip OS-127-004		Primer finishing
	3" 6-Hole Grip OS-734-004		Primer finishing
	6" 15-Hole Grip OS-711-004		Primer finishing



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

Grain	Silicon carbide
Bonding	Special resin
Backing	Knitted fabric on foam
Coating	Special Abralon® method
Color	Gray
Attachment	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
1-1/4" Grip <i>8A-600-XXX</i>		360, 500, 1000, 2000, 4000
3" Grip <i>8A-203-XXX</i>		180, 360, 500, 1000, 2000, 3000, 4000
5" Grip <i>8A-232-XXX</i>		180, 360, 500, 600
6" Grip <i>8A-241-XXX</i>		180, 360, 500, 1000, 2000, 3000, 4000
9" Grip <i>8A-616-XXX</i>		360, 500, 1000, 2000
12" Grip <i>8A-618-XXX</i>		180, 360, 500, 1000, 2000
3" x 4" * <i>XS-8A-129-XXX</i>		180, 360, 500, 1000
3.2" x 5.2" * <i>XS-8A-178-XXX</i>		180, 360, 500, 1000, 2000, 3000, 4000
3.67" x 9" * <i>XS-8A-121-XXX</i>		180, 360, 500, 1000

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



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

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



Available Sizes		Available Grits
3" Grip <i>FM-608-XXX</i>		P800-P2500
3" 6-Hole Grip <i>FM-634-XXX</i>		P800-P2500
5" Grip <i>FM-612-XXX</i>		P800-P2500
6" Grip <i>FM-622-XXX</i>		P800-P2500
6" 15-Hole Grip <i>FM-611-XXX</i>		P800-P2500

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

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



Available Sizes		Available Grits
3" Grip <i>FA-608-XXX</i>		P600-P1500
5" Grip <i>FA6125061XX</i>		P600-P1500
6" Grip <i>FA622050XX</i>		P600-P1500
6" 15-Hole Grip <i>FA611050XX</i>		P600-P1500

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

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



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

Grain	Ceramic P80-P240 Ceramic coated P320-P500
Bonding	Resin over resin
Backing	B-paper
Coating	Semi-open
Color	Blue
Attachment	Grip and PSA



Available Sizes		Available Grits
1-1/4" Grip XS-2C-600-XXX		P80-P500
3" 6-Hole Grip 2C-634-XXX		P80-P500
5" Grip 2C-612-XXX		P80-P500
5" 17-Hole Grip 2C-647-XXX		P80-P500
5" PSA 2C-332-XXX		P80-P220
6" Grip 2C-622-XXX		P80, P120, P180, P320, P400, P500
6" 15-Hole Grip 2C-611-XXX		P80-P500
2-3/4" x 5" Grip 2C-674-XXX		P80, P180, P320
2-3/4" x 7-3/4" Grip 2C-635-XXX		P80, P180, P320
2-3/4" x 16-1/2" Grip 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

Grain	Silicon Carbide
Bonding	Resin over resin
Backing	B-paper
Coating	Semi-open
Color	Blue
Attachment	Grip and PSA



Available Sizes		Available Grits
3" Grip 2C-608-XXX		600-1500
5" Grip 2C-612-XXX		600-1500
5" PSA 2C-332-XXX		600
5" 5-Hole Grip 2C-614-XXX		600-1000
5" 17-Hole Grip 2C-647-XXX		800
6" Grip 2C-622-XXX		600-1500
6" PSA 2C-341-XXX		600, 800
6" 15-Hole Grip 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

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



Available Sizes		Available Grits
9" x 11" Plain 23-104-XXX		P80-P800
4.5" x 5.5" Plain XS-23-114-XXX		P80-P400
3.67" x 9" Plain 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

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

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

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



Available Sizes		Available Grits
1-1/4" Grip XS-23-600-XXX		P80-P500
3" Grip 23-608-XXX		P80-P800
3" 6-Hole Grip 23-634-XXX		P80-P800
3-1/2" PSA 23-308-XXX		P80-P400
5" Grip 23-612-XXX		P36-P800
5" PSA 23-332-XXX		P36-P800
5" PSA Linkrol 23-314-XXX		P80-P800
5" PSA Autobox 23-388-XXX		P80-P500
5" 5-Hole Grip 23-614-XXX		P60-P800
5" 5-Hole PSA 23-321-XXX		P60-P400
5" 5-Hole PSA Linkrol 23-315-XXX		P80-P240
5" 8-Hole Grip 23-615-XXX		P80-P400
5" 8-Hole PSA 23-320-XXX		P80-P400
5" 17-Hole Grip 23-647-XXX		P60-P800

Available Sizes		Available Grits
6" Grip 23-622-XXX		P36-P800
6" PSA 23-341-XXX		P36-P800
6" PSA Linkrol 23-342-XXX		P80-P500
6" PSA Autobox 23-379-XXX		P80-P500
6" 6-Hole Grip 23-624-XXX		P60-P800
6" 6-Hole PSA Linkrol 23-343-XXX		P80-P400
6" 15-Hole Grip 23-611-XXX		P60-P800
8" Grip 23-631-XXX		P36, P80, P150, P180
8" PSA 23-352-XXX		P36, P40, P80-P400
8" 8-Hole Grip 23-632-XXX		P180, P320
2-3/4" x 16-1/2" PSA 23-364-XXX		P36, P40, P60, P80, P120
2-3/4" x 16-1/2" Grip 23-663-XXX		P36, P40, P80,
2-3/4" x 17-1/2" Plain 23-170-XXX		P36-P240
2-3/4" x 60' PSA 23-574-XXX		P80, P100
2-3/4" x 120' PSA 23-584-XXX		P120-P600
4-1/2" x 30' PSA 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

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

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



Available Sizes

3" Grip
40-608-XXX



Available Grits

P40, P80

5" Grip
40-612-XXX



P36-P150

5" PSA
40-332-XXX



P36-P150

5" 5-Hole Grip
40-614-XXX



P40-P150

6" Grip
40-622-XXX



P36-P120

6" PSA
40-341-XXX



P36-P150

6" 6-Hole Grip
40-624-XXX



P36-P120

8" Grip
40-631-XXX



P36-P150

8" PSA
40-352-XXX



P36-P150

8" 8-Hole Grip
40-632-XXX



P40, P80, P150

2-3/4" x 16-1/2" Grip
40-663-XXX



P36-P150

2-3/4" x 16-1/2" PSA
40-364-XXX



P36, P40, P80,
P100, P120

2-3/4" x 16-1/2" 18-Hole Grip
XS-40-698-XXX



P40, P80

BASECUT® - 22 Series

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

TECHNICAL SPECIFICATIONS

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



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

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



Available Sizes		Available Grits
5" Grip 02-612-XXX		P80, P180, P320
5" PSA Linkrol 02-314-XXX		P80-P400
4-1/2" x 5-1/2" Plain XS-02-114-XXX		P180-P320
3.67" x 9" Plain XS-02-121-XXX		P180-P400
4-1/2" x 11" XS-02-124-XXX		P220, P240
9" x 11" Plain 02-101-XXX		P80-P400
2-1/2" PSA* 02-560-XXX		P120-P320
3-1/4" PSA* 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

Grain	Aluminum oxide P80–P360, Silicon carbide P400–P3000
Bonding	Resin over resin
Backing	P80–P120 C-paper, P150–2500 B-paper
Coating	Closed
Color	Black
Attachment	Grip, PSA and Plain



Available Sizes		Available Grits
1-1/4" PSA 21-300-XXX		P2500, P3000
1-3/8" PSA 21-800-XXX		P1500, P2000
4-1/2" x 5-1/2" Plain XS-21-114-XXX		P150-P1200
3.67" x 9" Plain XS-21-121-XXX		P400-P2500
5-1/2" x 11" Plain 21-118-XXX		P1000-P2500
9" x 11" Plain 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



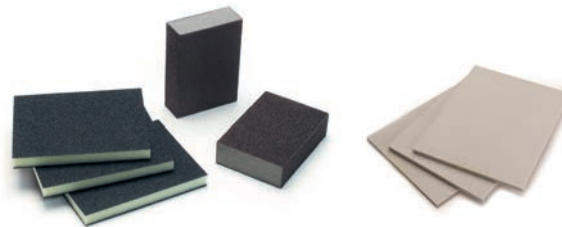
TECHNICAL SPECIFICATIONS

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



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

ABRASIVE SPONGES



TECHNICAL SPECIFICATIONS

Grain	Aluminum oxide
Bonding	Resin
Backing	Foam
Coating	Closed



Available Sizes	Available Grits	Description
2-3/4" x 4-3/4" x 1/2" 1351-XXX	100-400	Double sided abrasive sponge
2-3/4" x 4" x 1" 1353-XXX	60-220	Four sided abrasive sponge
3" x 4" x 1/2" MGS34-150B	150	Single sided grip backed abrasive sponge
4-1/2" x 5-1/2" x 1/4" 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 (UF 1500, MF 2500) abrasive grains provide uniform, dense scratch pattern
- Very flexible, ideal for use on contoured surfaces



TECHNICAL SPECIFICATIONS

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



Available Sizes	Available Grits
4-1/2" x 9" 18-118-447	VF (360) Red
4-1/2" x 9" 18-118-448	UF (1500) Gray
4-1/2" x 9" 18-118-449	MF (2500) Gold
4-1/2" x 33' 18-573-373	VF (360) Red
4-1/2" x 33' 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

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



Available Sizes	Available Grits
5" Disc 18-232-VBF	Very Fine (Maroon)
6" Disc 18-241-447	Very Fine (Maroon)
6" Disc 18-241-448	Ultra Fine (Gray)
6" x 9" Pad 18-111-447	Very Fine (Maroon)
6" x 9" Pad 18-111-448	Ultra Fine (Gray)
4" x 33' Roll 18-573-447	Very Fine (Maroon)
4" x 33' Roll 18-573-448	Ultra Fine (Gray)

HIOLIT XO - 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

Grain	Aluminum oxide
Bonding	Resin over resin
Backing	Polyester cloth: P36-P80 X-weight cotton cloth P100-P220
Coating	Semi-open
Color	Maroon



Available Sizes		Available Grits
2.5" x 14" <i>57-2.5-14-XXXT</i>	 Portable belts	P36-P220
3" x 18" <i>57-3-18-XXXT</i>	 Portable belts	P36-P220
3" x 21" <i>57-3-21-XXXT</i>	 Portable belts	P36-P220
3" x 24" <i>57-3-24-XXXT</i>	 Portable belts	P36-P220
4" x 24" <i>57-4-24-XXXT</i>	 Portable belts	P36-P220
W: 0.5" - 12" L: up to 300"	 Narrow belts	P36-P220
Custom Order <i>57-Width-Length-Grit</i> (width and length specified in inches)		
W: 13" - 56" L: up to 300"	 Wide belts	P36-P220
Custom Order <i>57-Width-Length-Grit</i> (width and length specified in inches)		

HIOLIT JF - 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

Grain	Aluminum oxide
Bonding	Resin over resin
Backing	J-weight cotton cloth
Coating	Semi-open
Color	Maroon



Available Sizes		Available Grits
W: 0.5" - 12" L: up to 300"	 Narrow belts	P80-P400
Custom Order <i>55-Width-Length-Grit</i> (width and length specified in inches)		
W: 7", 8", 9" L: 10.5" - 26.3"	 Pump sleeves	P80-P400
Custom Order <i>55-Width-Length-Grit</i> (width and length specified in inches)		

POLARSHINE® - POLISHING COMPOUNDS

Available Sizes

250ml

1L

5L

17L

Part Number

PC35-025L

PC35-1L

PC35-5L

PC35-17L



POLARSHINE® 35 PC35

- 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

PC15-1L



POLARSHINE® 15 PC15

- 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 PC12

- 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 PC10

- 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 PC8

- 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

PC5-1L



POLARSHINE® 5 PC5

- 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 PC3

- 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

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

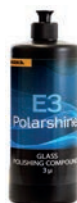
3" dia. x 1/4"
MPADFP-3

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

MIRKA

Experience Dust-Free Perfection

Mirka's Dust-Free sanding system keeps your projects free of dust, allowing for a fast, clean job.



woodworking



marine



automotive / OEM



industrial

Start your project out right with the Mirka® DEROS, the first random orbital electric sander using advanced brushless DC motor technology, without the need for an external power transformer.

With Mirka NET abrasives, no dust particle is more than 0.5mm from a dust extraction hole, eliminating the problem of dust clogging the abrasive, combined with the Mirka DEROS and MV-912 dust extractor for a complete dust-free sanding system. Together, this system means dust is no longer in the way and it's always possible to see exactly what is happening at the sanding surface, eliminating problems from over sanding.

The Complete Mirka Dust-Free System



Mirka® DEROS and
PROS Sander



Mirka Net Mesh
Abrasives



Vacuum Hose



Dust Extractor

Go Mobile!

Make your dust-free system completely mobile with the Mirka Smart Cart or Trolley. Stay organized with all of your tools, abrasives and accessories together and within reach while on the job.



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-FREE MOBILE SOLUTIONS • DUST-FREE MOBILE SOLUTIONS • DUST-FREE MOBILE SOLUTIONS



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

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



MV-412FE

- Filter Element
- Use with MV-912 dust extractor



MV-912DB

- Dust Bag
- Use with MV-912 dust extractor



MAI-CART-AUX

- 36" Auxiliary air line and manifold assembly



M-9915G

- Microfiber cleaning cloth



91935000111 (Black)

9193600111 (White)

- Dry guide coat



S-BLADE

- "Shark Blade" Denibbing tool

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 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® TOOLS & BACKUP PADS

1.25" TOOLS • 1.25" TOOLS • 1.25" TOOLS • 1.25" TOOLS • 1.25" TOOLS • 1.25" TOOLS • 1.25" TOOLS • 1.25" TOOLS • 1.25" TOOLS • 1.25" TOOLS

Battery Powered



AOS130-B

- Non-vacuum battery sander
- Battery recharges in 40 minutes or less
- Orbital 3mm
- Used for denibbing in OEM, automotive and wood applications

Orbit	RPM	Weight	Volts	Noise	Vib m/s ²
3 mm	4,000-8,000	1.3 lbs	10.8 VDC	61 dB	2.5



AROS150-B

- Non-vacuum battery sander
- Battery recharges in 40 minutes or less
- Random Orbital 5mm
- Used for denibbing in OEM, automotive and wood applications

Orbit	RPM	Weight	Volts	Noise	Vib m/s ²
5 mm	4,000-8,000	1.4 lbs	10.8 VDC	62 dB	1.9



MAOS130

- Non-vacuum
- Orbital 3mm
- 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 ²
3 mm	8,500	PSA	1.32 lbs	0.48	18	75 dB	2.22



MROS125

- Non-vacuum
- Random orbital
- 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 ²
2.5 mm	8,000	PSA	1.06 lbs	0.15	15	67 dB	3.5



MROS150

- Non-vacuum
- Random orbital
- 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 ²
5 mm	8,000	PSA	1.09 lbs	0.15	15	71 dB	2.33



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 ²
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 ²
5 mm	12,000	6-Hole Grip	1.17 lbs	0.28	17	80 dB	2



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 2
0	3,000	Grip	1.5 lbs	0.28	17	81 dB	1.4



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 2
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 2
12 mm	10,000	Grip	2.6 lbs	0.37	19	80 dB	5



MR-35SGV

- Self-generated vacuum
- 1-1/4" threaded vacuum fitting
- Dimensions 2-3/4" x 5"

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

Mirka DEOS MID3530201US

**AVAILABLE
OCTOBER
2017** **ELECTRIC**



- Low profile allows for easy maneuverability
- 3" x 5" grip faced, 3mm
- Ideal for narrow or small spaces
- Max OPM can be adjusted from 5,000-10,000rpm
- 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 MID3830201US

**AVAILABLE
OCTOBER
2017** **ELECTRIC**



- Low profile allows for easy maneuverability
- 2.75" x 7.75" grip faced, 3mm
- Ideal for automotive repair sanding
- Max OPM can be adjusted from 5,000-10,000rpm
- 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-38CV-1



- Orbital sander
- Dimensions 2-3/4" x 7-3/4"
- Vacuum-ready
- 1-1/4" 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 2
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 2
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 2
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 2
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 2
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 2
8 mm	12,000	PSA	1.7lbs	0.28	17	74 dB	3.5



MR-508SGV

- 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	1.85 lbs	0.28	17	91 dB	3.3



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 2
2.5 mm	12,000	Grip	1.7 lbs	0.28	17	80 dB	2.1





MR-510TH

- Two-handed random 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 ²
10 mm	12,000	PSA	2.7 lbs	0.46	21	85 dB	3.4



MROP-512TH

- Two-handed random orbital polisher/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 ²
12 mm	12,000	PSA	2.9 lbs	0.46	21	85 dB	3.4



MID55020CAUS (Mirka® 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 ²
5 mm	4,000 - 10,000	Multi-Hole Grip	2.2 lbs	350	82 dB	3.2

MIRKA DEROS SPARE PARTS



MIE6517211
110V Power Cord



MRP-550CV (Mirka® 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 2
5 mm	12,000	Multi-Hole Grip	2 lbs	0.28	17	74 dB	2.4

MRP-580CV (Mirka® PROS)

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



MRP-550SGV (Mirka® PROS SGV)

- Easy to reach speed regulator
- Unique shroud system with brake seal allows excellent dust extraction, even at low suction power
- Optimized ergonomics make it comfortable to grip for long operating periods
- Cover lifts for access to the air supply connection, locking the lever in the off position
- 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)

Orbit	RPM	Pad Face	Weight	HP	SCFM	Noise	Vib m/s 2
5 mm	12,000	Multi-Hole Grip	1.8 lbs	0.28	17	81 dB	2.8

MIRKA PROS SGV ACCESSORIES



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



MPP9023
■ 1-1/2" x 5.9' (Mirka PROS SGV)
Coaxial Pneumatic/Vacuum Hose

Spare Parts

- MPP0413
 - Ejector Tube
- MPP0416
 - Hose Connector
- MPP9022
 - Retainer and O-ring kit



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 2
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 2
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 2
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 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



MID65020CAUS (Mirka® 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 2
5 mm	4,000 -10,000	Multi-Hole Grip	2.2 lbs	350	71 dB	3.4

MIRKA DEROS SPARE PARTS



MIE6517211
110V Power Cord



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

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"



Vacuum Hand Sanding

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

102GG

2-7/8" Grip Faced
Backup Pad
5/16 - 24 thread



913G

Grip Faced Backup Pad
1/4 - 20 thread



913GV

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



3.5" Backup Pads

103

Vinyl Faced Backup Pad
5/16 - 24 thread



103HD

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



5" Backup Pads - Vinyl Faced For PSA

105

Backup Pad
5/16 - 24 thread



105H

Backup Pad
Hardened Shank
5/16 - 24 thread



105MS

Medium-Soft
Backup Pad
5/16 - 24 thread



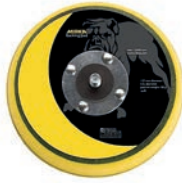
105HD

Heavy Duty
Backup Pad
5/16 - 24 thread



105S

Soft Backup Pad
5/16 - 24 thread



105P

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



105V

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
Backup Pad
5/16 - 24 thread



106S
Soft Backup Pad
5/16 - 24 thread



106P
Backup Pad
5/16 - 24 thread



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



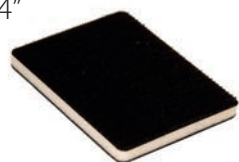
8" Backup Pads - Grip Faced For Hook & Loop

908GV
Multi-Hole
Vacuum Pad
for MR-850THCV

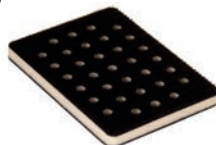


Rectangular Backup Pads

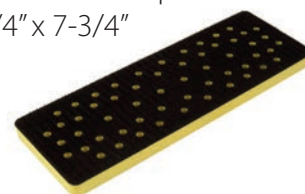
934
Vinyl Faced
Backup Pad
3" x 4"



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



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



9135
Multi-Hole
Interface Pad
3" x 5"



9935
Multi-Hole
Pad Saver
3" x 5"



935GV
Grip Faced
Multi-Hole Backup Pad
w/pad saver
3" x 5"



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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