



CONTENTS

About us	4
Product type portfolio	8
Types of foams	10
Specification of foams	12
Hardness scale	14
Foam polishing pads	16
Standard foam polishing pads	17
M14 foam polishing pads	19
Textured foam polishing pads	21
Microfiber pads	26
Soft edge foam	28
Interface pads	30
Sanding blocks	32
Double sided tape	36
Backing plates	38
Applicators	40
Custom made	42



MANUFACTURING

NAT Polska sp. z o.o. sp.k.
ul. Buforowa 34, 52-131 Wrocław
www.nat-manufacturing.com

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Substantive supervision: Jacek Madejski
Editors: Michał Krasuski, Damian Madejski
Graphic design: Jolanta Wojciechowska

About Us

WHO WE ARE
WHAT WE DO
QUALITY
WHO WE WORK WITH

NAT is a family run company build on professional, trust and experience. We are aiming at being not the biggest but the best producer. Our company has been established since 2004. We work and live in Wrocław but we provide our high quality products to more than 20 countries. We value straight communication, quick solutions and long cooperation. Our company concentrate on manufacturing of professional polishing accessories and non-painting products. We can guarantee not just a quality products but the best approach to customer as well.

Our business is based on understanding of the market and our customer's needs. We aim not just in constant expand of range of our products but also to enlarge our scope.

As a result of high quality production, NAT is well known brand in challenging detailing industry in Poland. We are well experienced Private Label manufacturer and currently we serve more than 50 companies.

We specialize in providing comprehensive solutions helping our customers with efficient introduction to the market.

Our suppliers are well known companies with high reputation. We cooperate only with European suppliers and partners what ensuring us with the finest quality materials and services. What comes next we feel confident with our production standard and logistics support.



Private Label

Low MOQ
Speedy
Complete
Service



Types of foams

We offer three foam lines: standard, premium and plus. The classification has been applied taking into account the following factors: price, quality, market, user requirements.

The standard line is made of European foams that are commonly used in European market. Standard foams have very good parameters, i.e. tearing resistance, stiffness. Those foams are compatible with popular compounds.

Premium line is made of foams with uncompromised quality. Premium foams are often chosen by users who are not satisfied with typical solutions.

The plus line is designed for price sensitive markets. Where above all low prices affect the sales volume.

STANDARD FOAM

- Blue standard foam is designed to work with first step polishing compounds and compounds for matting. Foam structure is characterized by high aggressiveness. It helps permanently removing deep scratches while preparing surfaces for subsequent stages of paint correction.
- White standard foam is designed to work with first step polishing compounds. Foam structure maintains the compound on the surface of the sponge which provides accurate developing particles and full utilization of the compound.

- Orange standard foam is designed to work with first and second step polishing compounds. Foam structure maintains the paste on the surface of the sponge what provides accurate developing particles and full utilization of the paste.
- Yellow standard foam is designed to work with the second step polishing compounds. Foam structure maintains the paste on the surface of the pad which provides accurate developing particles and full utilization of the paste.
- Red standard foam is designed for efficient finishing of hard painted coatings. It's made for faster surface finishing when working with hard coatings.
- Black standard foam is designed to work with last step compounds. The structure of the foam quickly gives off heat.

PREMIUM FOAM

- Graphite Premium foam is designed for use with first step of cutting. It doesn't absorb excessive amounts of compound, completely uses the power of cutting paste.
- Swap premium foam is designed for being used with first and second step polishing pastes. Open-cell foam structure maintains low temperature. Working in high temperature range we receive high level of finish.

- Orange premium foam is designed to work with first step polishing compounds. The structure of the foam quickly gives off heat.
- Yellow premium foam is designed to work with the second step polishing compounds. Open-cell foam structure maintains low temperature.
- Blue premium foam is designed for efficient finishing of medium painted coatings. It's made for faster surface finishing when working with medium coatings.
- Red premium foam is designed for use with last step compounds. The structure of the foam quickly gives off heat.
- Black premium foam is designed to work with last step compounds. Open-cell foam structure maintains low temperature.

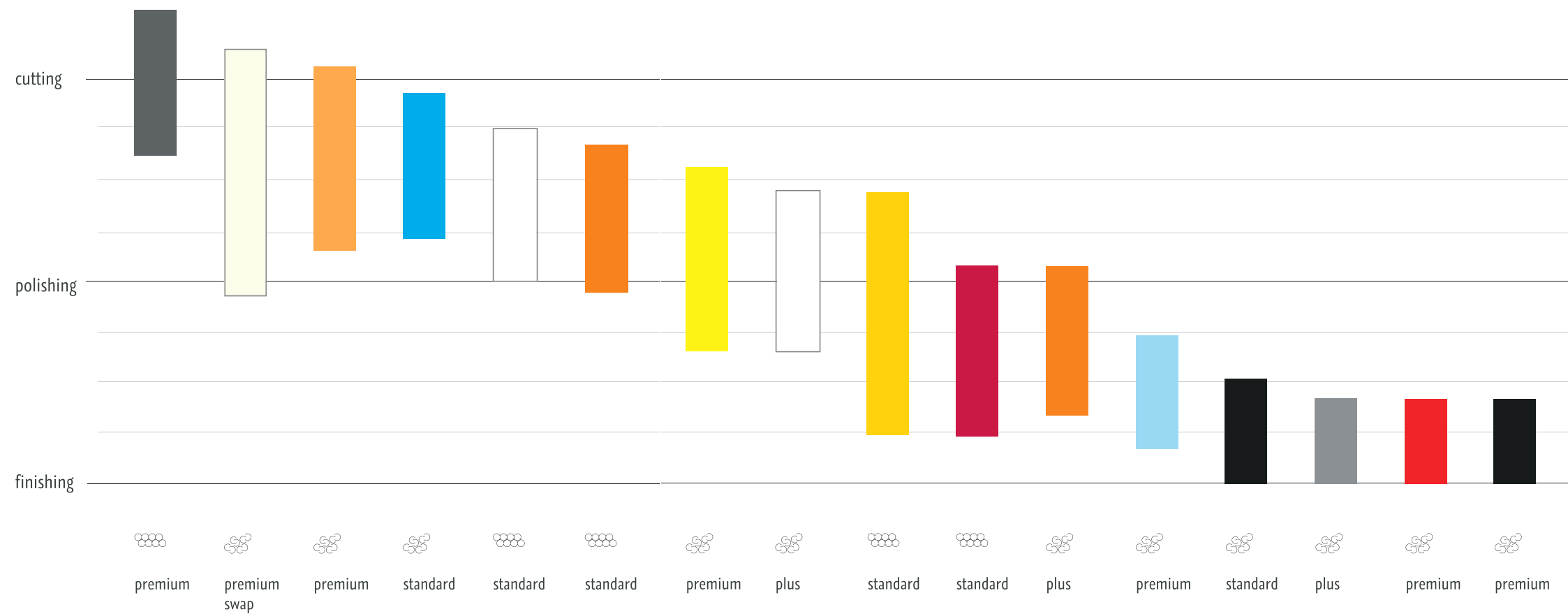
PLUS FOAM

- White plus foam is designed to work with first step polishing compounds. Foam structure maintains the compound on the surface of the sponge which provides accurate developing particles and full utilization of the compound.
- Orange plus foam is designed to work with first and second step polishing compounds. Foam structure maintains the paste on the surface of the sponge what provides accurate developing particles and full utilization of the paste.
- Black plus foam is designed to work with last step compounds.

Specification of foams

	standard						premium							plus		
Parameter	● blue	○ white	● orange	● yellow	● red	● black	● graphite	○ swap	● orange	● yellow	● blue	● red	● black	○ white	● orange	● black
Density	36-41 kg/m³	36-41 kg/m³	36-41 kg/m³	36-41 kg/m³	38-47 kg/m³	26-30 kg/m³	32-41 kg/m³	36-42 kg/m³	33-39 kg/m³	41-49 kg/m³	39-47 kg/m³	27-33 kg/m³	27-33 kg/m³	36-40 kg/m³	27-30 kg/m³	26-30 kg/m³
Stiffness	8-11 kPa	8-11 kPa	8-11 kPa	8-11 kPa	5,5-8,5 kPa	2-4 kPa	8-15 kPa	8-15 kPa	10-15 kPa	5-9 kPa	4-6,5 kPa	2,5-4 kPa	2,5-4,5 kPa	6,5-9,5 kPa	4,5-6,5 kPa	3,3-5,5 kPa
Elongation	200 %	140 %	140 %	140 %	350 %	350 %	90 %	150 %	100 %	180 %	300%	220 %	250 %	90 %	140 %	250 %
Tensile strength	200 kPa	200 kPa	200 kPa	200 kPa	300 kPa	200 kPa	130 kPa	550 kPa	350 kPa	400 kPa	450 kPa	220 kPa	250 kPa	190 kPa	200 kPa	150 kPa
Cell size	600-800 μm	480-660 μm	480-660 μm	480-660 μm	500-750 μm	440-520 μm	600-800 μm	750-900 μm	600-750 μm	600-800 μm	600-800 μm	600-700 μm	750-900 μm	475-675 μm	430-560 μm	700-950 μm
Tear resistance	7 N/cm	7 N/cm	7 N/cm	7 N/cm	9 N/cm	7 N/cm	5 N/cm	7,5 N/cm	7,5 N/cm	7,5 N/cm	7 N/cm	7 N/cm	7 N/cm	5,5 N/cm	5,5 N/cm	5,5N/cm
Type of cell	open	close	close	close	close	open	close	open	open	open	open	open	open	open	open	open

Hardness scale



open-cell foam



close-cell foam



FOAM POLISHING PADS

We offer a variety of foam pads for all types of polishing works. Designed for multi-stage work: cutting, polishing, finishing.

Our products are compatible with rotary polisher and dual action polisher. Therefore, the pads have two types of threading; backing plate and velcro.

All foam pads are precisely engineered with high standards assured. Only certified Euro foams with open cell foam or closed cell foam structure are used. In addition, we offer pads with a structure that simplifies the work and strengthens the foam properties.

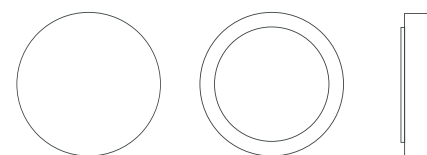


STANDARD

Standard polishing pad is designed for efficient polishing of painted coatings. It is adapted to existing on the market polishing systems, which work with both rotary and orbital machines.



● ○ ● ● ● ● ● ● ● ● ● ●
standard premium plus

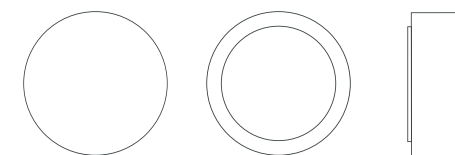


Specification

Size: 165 mm x 25 mm, 150 mm x 25 mm, 135 mm x 25 mm, 83 mm x 25 mm
Handle: velcro (white,black)
Hardness | colour: STANDARD FOAM: cutting (blue, white, orange) | polish (yellow, red) | finish (black) PREMIUM FOAM: cutting (gray, swap, orange) | polish (yellow) | finish (blue, red, black) PLUS FOAM: cutting (white) | polish (orange) | finish (gray)



● ○ ● ● ● ● ● ● ● ● ● ●
standard plus



Specification

Size: 150 mm x 50 mm
Handle: velcro (white,black)
Hardness | colour: STANDARD FOAM: cutting (blue, white, orange) | polish (yellow) | finish (black) PLUS FOAM: cutting (white) | polish (orange) | finish (gray)

DA

The DA series is specially designed to work on dual action machines. Both the shape and types of foams were created to meet the needs of a detailing. The sponge has a centrally cut hole with a diameter of 20 mm, which is especially important when working on dual action machine when the high temperature is passing through the machine, the fastener and then the polishing pad. Thanks to this hole, better ventilation has been achieved. The second equally significant aspect is eliminating paste clumping at the pad central point.



Specification

Size: 165 mm x 25 mm, 135 mm x 25 mm

Handle: velcro (white, black)

Hardness | colour: STANDARD FOAM: cutting (blue, white, orange) | polish (yellow, red) | finish (black)

SLASH

In the slash line by using a larger diameter of the velcro than the typical size of the fasteners, clamping is transferred to the entire working surface of the sponge. Velcro-printed calibration marks facilitate centering of the pad. Precise machining and correct angle of inclination of the wall pads allows to close approach adjacent (neighbouring) elements without stopping rotary DA machine movement.



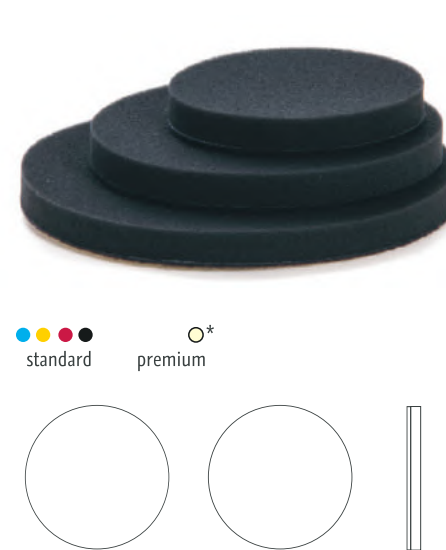
Specification

Size: 133 mm x 148 mm x 25 mm

Handle: velcro (white, black)

Hardness | colour: STANDARD FOAM: cutting (blue, white, orange) | polish (yellow, red) | finish (black) PREMIUM FOAM: cutting (gray, swap, orange)

THIN



Specification

Size: 53 mm x 10 mm, 33 mm x 10 mm, 25 mm x 10 mm, 16 mm x 10 mm

Handle: velcro (white, black)

Hardness | colour: STANDARD FOAM: cutting (blue) | polish (yellow, red) | finish (black) PREMIUM FOAM: cutting (swap)*

*It's available only in 13 mm thickness.

Handle M14 is made from ABS plastic with high impact strength. It provides perfectly axial sponge mounting on the machine. High durability thought individually selected adhesive bonded material.

M14 FOAM POLISHING PADS

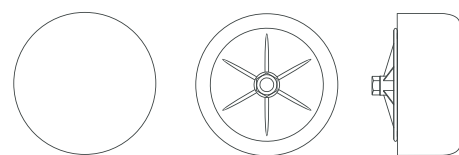


CLASSIC

This is our longest produced line. 50 mm thick polishing pads are fixed with the m14 handle. The handle is made of ABS plastic, impact modified. Ensures correct gripping of the pad on the machine. The product boast excellent durability through individually selected adhesive for materials. The classic pads are made of standard and plus foams.



● ○ ● ● ●
standard ○ ● ●
plus



Specification

Size: 150 mm x 50 mm

Handle: backing plate M14

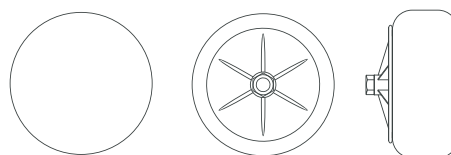
Hardness | colour: STANDARD FOAM: cutting (blue, white, orange) | polish (yellow) | finish (black) PLUS FOAM: cutting (white) | polish (orange) | finish (gray)

ROUNDED

An additional half-round profile, minimizes cutting the foam by the edges of mounting and extends products life.



● ○ ● ● ●
standard



Specification

Size: 150 mm x 50 mm

Handle: backing plate M14

Hardness | colour: STANDARD FOAM: cutting (blue, white, orange) | polish (yellow, red) | finish (black)

TEXTURED FOAM POLISHING PADS

The textured pads have been designed to improve the quality of work. Pads of this kind are easier to work with, in particular use of a rotary polishers. Notches and grooves are capable of modifying the properties of the paste and facilitate the work of the entire surface pad. We have designed several types of cuts in order to facilitate polishing of old and fresh varnishes.

Furthermore, laser cuts minimize the formation of holograms. All cuts are laser cut so the sponge's durability is high.

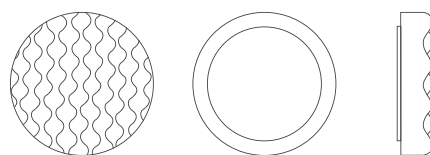


WAFFLE

Waffle sponge has been designed for finish polishing of car paints and for working with soft varnishes that get hot quickly during use with a smooth sponge. Our polished waffle sponge minimize the heat, thanks to wavy waffle texture. The waffle sponge enables holograms and micro-scratches to be polished out efficiently. A specific structure allows to work at higher speed, without causing dryness of polishing compound. The specially developed polished waffle sponge featuring high reliability and professional realization.



● ○ ● ● ●
standard



Specification

Size: 150 mm x 25 mm, 135 mm x 25 mm, 83 mm x 25 mm
Handle: velcro (white, black)
Hardness | colour: STANDARD FOAM: cutting (blue, white, orange) | polish (yellow) | finish (black)

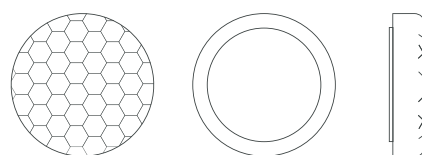
HONEY

Hexagonal incision divides working surface into dozen of smaller parts making it easier to conduct a pad on the entire surface of the paint. Depending on the hardness it increases the quality of the polishing surface and eliminates holograms. The edges of the hexagonal blocks reduce the time of bringing the paint to the ideal state.

Patent pending



● ● ●
standard



Specification

Size: 150 mm x 25 mm, 135 mm x 25 mm
Handle: velcro (white, black)
Hardness | colour: STANDARD FOAM: cutting (orange) | polish (yellow) | finish (black)

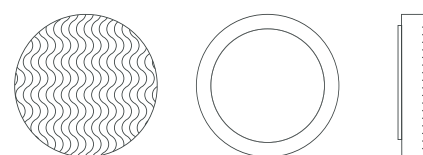
SNAKE

Snake pad has a medium hard structure. It's available only in yellow colour, is recommended for fresh and soft coatings. Recommended due to faster heat dissipation through the sponge, and for polishing difficult places, such as the lower parts of the doors and bumpers, thanks to the extremely easy handling of the entire pad surface on the paint.

Patent pending



●
standard



Specification

Size: 150 mm x 50 mm
Handle: velcro (white, black)
Hardness | colour: STANDARD FOAM: polish (yellow)

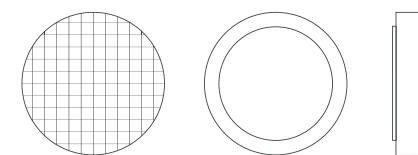
SQUARE

Square pad has a very hard structure. It's available only in blue colour. Recommended for hard / damaged paint. Due to the unique cuts and high aggressiveness of foam from which it is made, significantly reduces the time of polishing deep scratches and removes the oxidized parts of varnish. It is not recommended to use it for polishing paints located on the plastic and the fresh paints.

Patent pending



●
standard



Specification

Size: 150 mm x 50 mm
Handle: velcro (white, black)
Hardness | colour: STANDARD FOAM: cutting (blue)

Options of personalization



MICROFIBER PADS

This is type of pads are made of microfiber and a thin foam pad. The microfiber pad has been designed for effective "cutting" to reduce working time by using a unique fibre weave. The pad design enables fast and safe cutting of deep scratches. The left surface benefits with easy release during the next step.

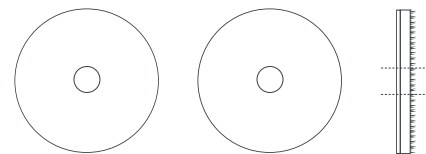
The innovative Sleek-Shape solution extends the lifetime of the product. By applying ideally even and long fibers protruding beyond the edge all around the perimeter ensures even wear of the microfiber all over the surface. The spacer is made of high-strength foam with sufficient flexibility what allows for precise guidance of the machine.



Options of packaging



standard



Specification

Size: 165 mm x 10 mm, 150 mm x 10 mm, 135 mm x 10 mm, 83 mm x 10 mm

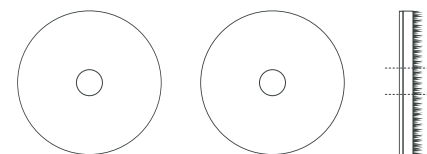
Handle: velcro (white, black)

Hardness | colour: STANDARD FOAM: hard (yellow) | soft (black)

Type of fiber: short | aggressive



standard



Specification

Size: 165 mm x 10 mm, 150 mm x 10 mm, 135 mm x 10 mm, 83 mm x 10 mm

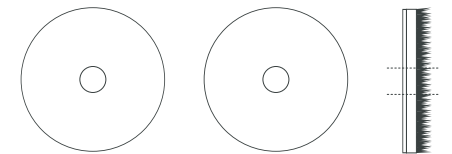
Handle: velcro (white, black)

Hardness | colour: STANDARD FOAM: hard (yellow) | soft (black)

Type of fiber: medium | medium aggressive



standard



Specification

Size: 165 mm x 10 mm, 150 mm x 10 mm, 135 mm x 10 mm, 83 mm x 10 mm

Handle: velcro (white, black)

Hardness | colour: STANDARD FOAM: hard (yellow) | soft (black)

Type of fiber: long | heavily aggressive

SOFT EDGE FOAMS

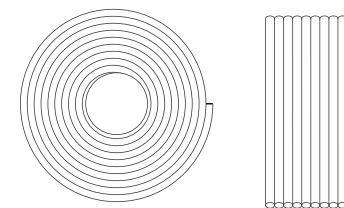
Foam masking tape are used to protect hard to access areas in vehicles before painting to prevent varnish from being sprayed around painted surfaces.

The shape, soft edge and special properties of the foam ensure gradual implementation of the varnish into the material, what resulting in a soft edge effect. Thanks to that, there are no visible sharp edge of varnish on the element. Furthermore, the tape secure the interior space of the vehicle during painting, ensures that dust won't get inside.

A special designed adhesive for the tape, leaves no marks, is easy to remove and at the same time adheres well to the glued element.

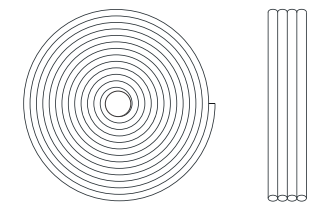


Options of packaging



Specification

Lenght: 50 m
Size: 13 mm x 10 mm



Specification

Lenght: 20 m
Size: 13 mm x 10 mm

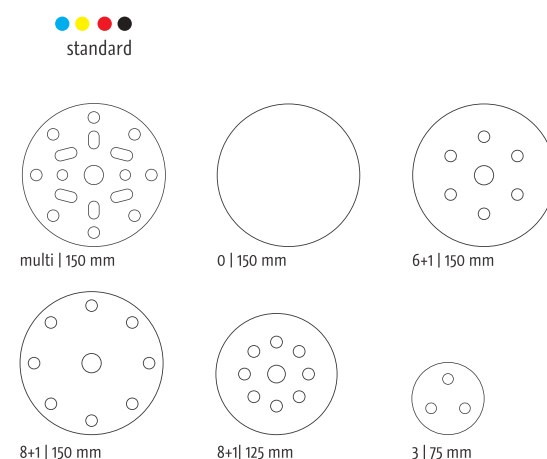
INTERFACE PADS



The interface pads are made of carefully selected foams, durable adhesive and a microscopic mushroom and loop system.

The product is resistant to dust, water and high temperatures. The hole system ensures compatibility with all sanding paper available on the market.

Interface pads are designed to avoid sanding through the paint in difficult areas. The product is necessary when sanding complicated surfaces, i.e. rounding, bulges and the orange peel. Interface pads provide even greater comfort. The foam insert acts as a shock absorber any vibrations generated during grinding.



Specification

Size: 150 mm x 10 mm, 125 mm x 10 mm, 75 mm x 10 mm

Systems: multi, 0, 6+1, 8+1, 3

Handle: velcro (white, black)

Hardness | colour: STANDARD FOAM: very hard (blue) | hard (yellow) | middle (red) | soft (black)

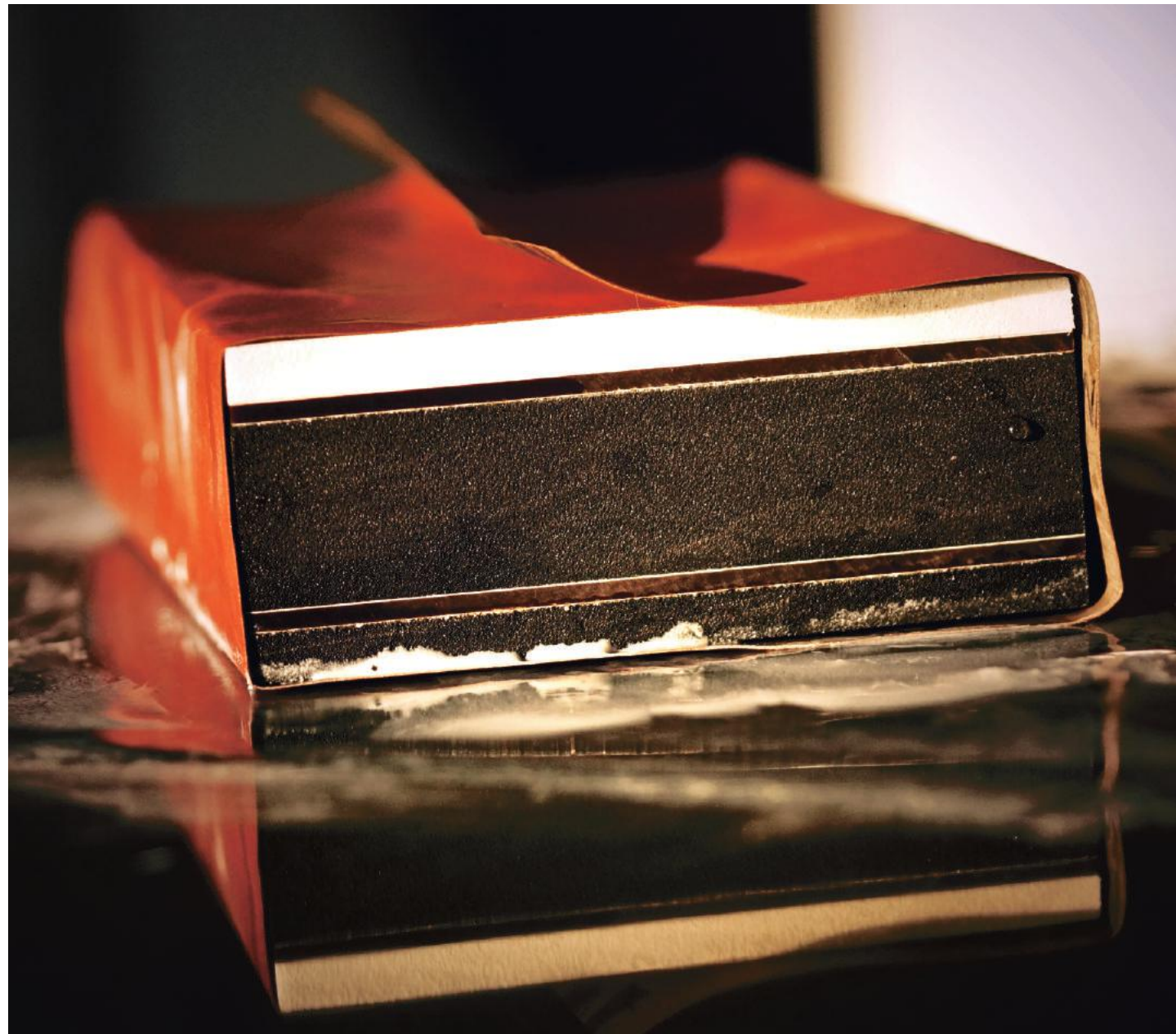
Options of personalization



Sanding Block are ideally suited for grinding the surface of car bodies with sandpaper. The blocks are made of a special material that is rigid and provides water resistance, making them suitable for both dry and wet work.

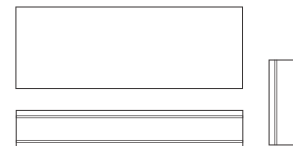
The use of polishing pads prevents the formation of "waves" caused by the sandpaper. The blocks are light, in order to facilitate the grinding process.

SANDING BLOCKS



STANDARD

Standard sanding block consist of four components. Thanks to them achieved high inner rigidity while retaining it's very low weight. The white surface is used for fast simple surface treatment, it's characterized by high hardness and very low compressibility. Black surface is used for grinding delicate arches, cavities and all profile elements.

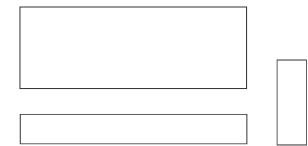


Specification

Size: 290 mm x 75 mm x 33 mm, 200 mm x 75 mm x 33 mm, 140 mm x 75 mm x 33 mm
Hardness | colour: STANDARD FOAM: very hard (white) | hard (black)

PLUS

Plus sanding block is designed from special foam. The material used for the manufacturing of sanding blocks has a very low surface tension. It avoids the adhesion of the paint particles to the surface, easier cleaning and preservation aesthetics.



Specification

Size: 114 mm x 62 mm x 18 mm, 220 mm x 62 mm x 18 mm
Hardness | colour: PLUS FOAM: hard (black) | medium (blue) | soft (yellow)

Options of personalization

Type of material

Size and thickness

Packaging

Waterproof double sided adhesive tape is also resistant to engine oils, fuels, UV rays and weather conditions. Made of high-quality reinforced polyethylene foam coated with acrylic adhesive and protected by siliconized foil. It can be used to bond materials at different thermal expansion.

Tape is designed for mounting features such as moldings, side panels, decorative profiles, emblems, etc. It creates a very strong connection resistant to water, motor oil, fuel, UV rays and atmospheric conditions.

DOUBLE SIDED TAPE



○ ●
standard

Specification

Length: 5 m, 10 m

Width: 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm

Colour: gray, white



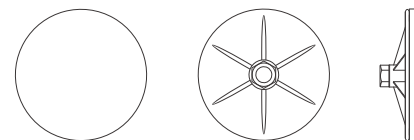
Universal polishing pad backing plate for rotary polisher. It can be used with buffing and polishing pad. Widely used for buffing and polishing of wood products and car varnish.

BACKING PLATES



FOAM BACKING PLATE

Foam backing plate is designed to fasten Velcro polishing pads on rotary machines with M14 spindle. The layer of medium hardness foam helps to use the polishing pad with its entire surface. Elements of ABS plastic with high impact strength and M14 metal thread guarantee durability.

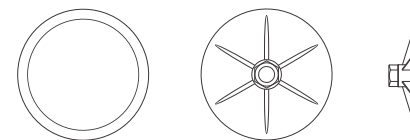


Specification

Size: 123 mm x 10 mm
Handle: M14
Foam colour: yellow

STANDARD BACKING PLATE

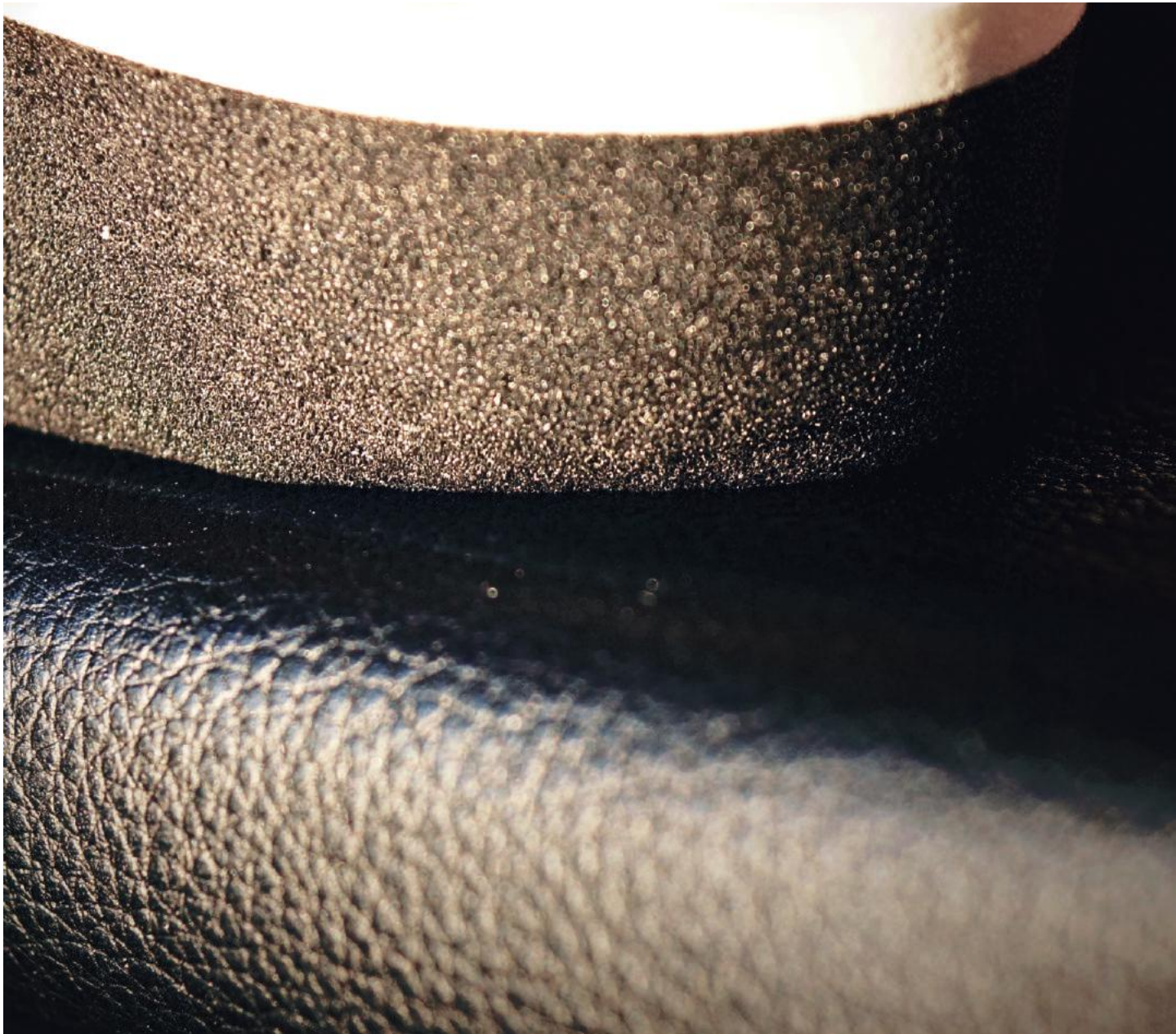
Standard backing plate is designed to fasten Velcro polishing pads on rotary machines with M14 spindle. Elements made of ABS plastic have high impact durability.



Specification

Size: 123 mm
Handle: M14

APPLICATORS



A selection of car care & detailing foam applicators designed specifically for the application of car waxes or car sealants.

| HARD

Applicator for hand polishing. Foam from which it is made is quite hard. Its ergonomic shape makes work with this product efficient and comfortable. Ideally suited for use with polishing compound NAT.



Specification

Size: 140 mm x 72 mm
Hardness | colour: hard (yellow)

| OWAL SOFT

Soft foam is an applicator for applying dressings on tires and plastics. Ideally suited for applying waxes and polishes. It fits to most cans so we can apply the wax evenly with all its surface. The applicator has a hard handle, so we can hold it firmly and evenly press down to the ground with the entire surface of the applicator.



Specification

Size: 68 mm x 47 mm, 10 mm x 55 mm
Hardness | colour: soft (black)

CUSTOM MADE

NAT Company may deliver fully customize product, starting with technology consulting through market research to graphic design and support materials. In line with expectations of our customers we are ready to make suggested amendments.

Changing or modifying colour, reshaping or resizing product or even give an advice when needed, is not a problem for us. As a result of treating our customers with special personal attention and providing excellent service, perfect products are made. Our products are reliable and high quality.

We pride ourselves on our knowledge, expertise and experience within the industry, and ensure we continue to be creative and dynamic, developing and adapting to the ever changing needs of the market.

Our principles are: focus on quality, responsiveness to the need of our customers and continuous improvement. To cut the long story short we are in position to meet each customer's specific expectations. We are waiting for every challenge.



Research

The first and most important step is to give us as much information as possible about market you're moving around and target group of clients you're supplying. Appropriate and complete information will enable us to discuss all requirements and present all possible options and prices. If you have idea of new product, feel free to discuss about it with us.

Design Re-design

In consultation with you we will make the first concepts based on your wishes and technical requirements. We put our machine park put at your disposal

Branding

We're offering ready die cuts designed for different products. We're cooperating with graphic designers who can help create original packet look adjust to your brand. Depending on your needs we're offering our help implementing your product/brand into the market. Within growing development distribution system we're offering POS displays with option to personalize and brochures.

Component Selection

You need only to choose component from our offer or define what you are looking for.

Prototyping and production

Before we start our production we're making prototype, which must pass series of tests with flying colours. Only after passing internal control we hand it over to final ultimate acceptance and then after all of this test to production.

Logistics

To improve time of delivery we are using all type of shipments from small packages and pallets to containers or even our own trucks. To avoid slow-down of shopping process we maintain stocks of personalized products and brand boxes.



MANUFACTURING

www.nat-manufacturing.com