



Polishing System



POLISHING SYSTEM



POLISHING SYSTEM

SGCB Polishing System

SGCB[®]



Innovation

High efficiency

User friendly

The SGCB Polishing System is used to reducing the burden of polishing by simplifying the old complex polishing process, making it easy for novice to use on the premise of ensuring safety and allowing experienced users to finish tasks quickly.

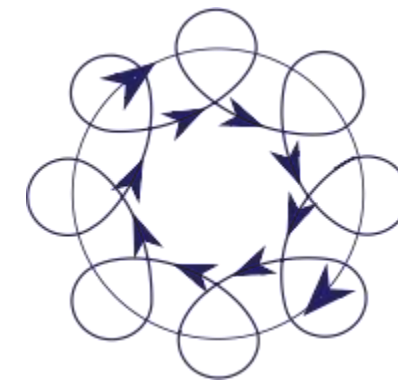
Our products enable users comfortable user experience and maximum benefit.

Perfect Results

SGCB Polishing Machine



ROTA(RO)



RANDOMORBITAL(DA)



Rotary (R0): the polishing disc rotates on a central axis. The cutting force on the brink of polishing disc is the largest and the cutting efficiency there is high with high friction and a large amount of heat energy. If it is used carelessly, paint burning, paint damage or mechanical lines may occur. When it is on the hands of experienced users, it features low vibration. But being experienced requires a long learning process. The machine is the most common polishing machine.



Random orbital (DA): the backplane makes a fixed yaw along with the central axis, and the backplane itself rotates as the equipment rotates. The swing and rotational speed of the yaw are related to the parameters of the polishing system, but rotational speed will change with the pressure put by the user or the friction between the polishing disc and the paint. When the friction is high, the backplane will slow down its rotation or stop rotating, which will reduce the polishing efficiency. Generally speaking, the machine is considered to be the most cost-effective one.

A woman with dark hair in a ponytail, wearing a black sleeveless top and light-colored shorts, is kneeling and using a black and red polishing machine on the side of a bright yellow sports car. The car's surface is highly reflective, showing the woman's reflection. The background is a dark, industrial-looking space.

Perfect Results

The main goal of SGCB polishing system is to achieve the perfect polishing results in an efficient way. SGCB polishing system simplifies the polishing process and is able to gain perfect results in a short time thanks to its complete system including the polishing machine and the polishing disc.



SGCB Polishing Machine 2nd Generation (RO)5 Inch

The SGCB RO Polisher is characterized by high torque, ergonomic design, light weight and ease of use, and can be used in automotive, auto body and yacht polishing.



Item No.:SG-GF179

Parameters

Backplate	
Backplate diameter	5"/125MM
power	1200W
Rotational speed	450~1700/min
weight	3.5KG
speedshift	6 gears for speed shift
ThreadingDie	M14
powercord	3M





Shockproof Side Handle Grip

special soft material can effectively reduce vibration , improve user experience and increase the polishing efficiency.

Key Switches

Excellent design to improve user experience.



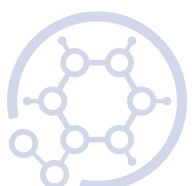
Digital Electronic Speed Control

The new speed control design enables fine-tuning function and digital display, which makes it easy to use.



Soft Switching

Different from the previous switches , SGCB Polishing machine is equipped with a new fine-tuning controllable switch , which allows soft starting and speed control .





SGCB Polishing Machine 2nd Generation (RO)3 Inc

The 3-inch rotary polishing machine make it safer and more accurate to repair defects or scratches on small or curved surfaces. It is very useful in polishing



Item No. : SG-GF189

Parameters	
∅ Backplane	3"/75MM
power	710W
Rotational speed	800~2700/min
weight	2.3KG
speedshift	6gearsfor speedshift
ThreadingDie	M14
powercord	3M





Ergonomic Design

with soft and non-slip design , it is easy for users to polish different parts.

Digital Speed Control

The user-friendly switch allows speed change without interrupting the polishing process.



ON-OFF Switch Lock

The non-slip design enables soft start, which means users can fully control the machine.



Rotation Speed Display

The machine body displays rotation speed ranging from 800 rpm to 2700 rpm by switching the six gears.





SGCB Polishing Machine 2nd Generation (DA)5 Inch

The random orbital makes it easy and comfortable for all users to finish even the most challenging polishing tasks. The machine, with excellent performance, features low risk and high efficiency.



Item No. : SG-GF181 /Item No. of American version: SG-GA203

Parameters	
Ø Backplane	5"/125MM
Ø Yaw	15MM
power	950W
Rotational speed	2000~5000/min
weight	3.5KG
speedshift	6gearsfor speedshif
powercord	3M





Ergonomic Design

with soft and non-slip design , it is easy for users to polish different parts.
Featuring lower vibration , lower noise , it is popular among users .

Digital Speed Control

The machine body displays rotation speed ranging
From 2000rpm to 5000 rpm by switching the six gears.



Smart Design

The machine is equipped with a specially designed protective
pad on the back,allowing users to place it stably on the
workbench or the car when they are polishing.



Fixed Switching

There is a round fixed switching on the side of the body
which allows users to keep the machine on , So that they can
work without being disturbed by the switch.





SGCB Polishing Machine 2nd Generation (DA)6 Inch

The 6-inch backplane with polishing disc and 21MM yaw makes it more efficient, comfortable and user-friendly for users to finish even the most challenging polishing tasks.



Item No. : SG-GF180

Parameters	
Ø Backplane	6"/150MM
Ø Yaw	21MM
power	950W
Rotational speed	2000~5000/min
weight	3.5KG
speedshift	6gearsfor speedshif
powercord	3M



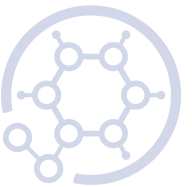


Ergonomic Design

with soft and non-slip design , it is easy for operator to polish different parts.
Featuring lower vibration , lower noise , it is popular among users.

Digital Speed Control

The machine body displays rotation speed ranging from 2000rpm to 5000 rpm by switching the six gears.



Smart Design

The machine is equipped with a specially designed protective pad on the back,allowing you to place it stably on the workbench or the car when you are polishing.

Fixed Switching

There is a round fixed switching on the side of the body,which allows users to keep the machine on , so that they can work without being disturbed by the switch .





SGCB Polishing Machine 2nd Generation (DA)3 Inch

It is applicable for polishing small or curved surfaces. The 3-inch random orbital machine is a necessary tool for perfectionists. It can be used to polishing small parts, such as bumper and rearview mirror.



Item No. · SG-GF190

Parameters

Backplate	
Backplate diameter	3"/75MM
Backplate thickness	12MM
Power	710W
Rotational speed	1500~5000/min
Weight	2.3KG
Speedshift	6gearsfor speedshift
Powercord	3M



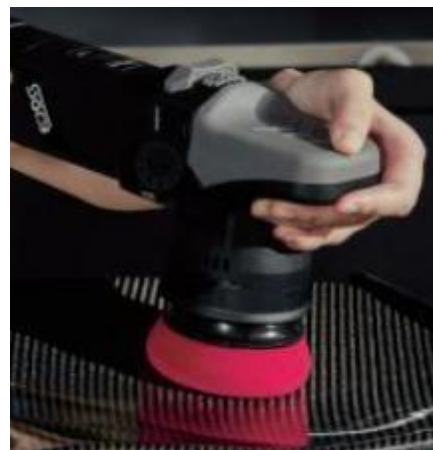


Ergonomic Design

Ergonomic design, soft handle and non-slip texture allow users to produce the best results.

Digital Speed Control

users can use the user-friendly switch to change the speed of the machine without interrupting the polishing process.



Maximum Flexibility

The machine is equipped with a backplane of a small diameter and a 12MM yaw, improving the user experience with higher degree of polishing precision.

Rotation Speed Display

The machine body displays rotation speed ranging from 1500 rpm to 5000 rpm by switching the six gears.





NEW Cordless Carbon Brushless mini polisher

Compact and lightweight, suitable for many details of the car inside and outside the very small parts of the polishing operation scene, the pursuit of the ultimate perfect details of the construction of the necessary tools, to complete the ultimate perfect polishing experience!。 Carbon brushless lithium detail polisher, 3-in-1 design, multi-scenario use, make polishing easier.



Item No.: SG-GF273 China plug SG-GF274 Eu Plug





Carbon Brushless Design

Brushless motors use an electronic commutator instead of physical contact, so they run with less noise and vibration and are more stable.

Operation comfort

It has slow start and stepless speed adjustment functions to ensure a comfortable use experience while ensuring safety.



High efficiency

One unit of this equipment can be used in place of three units, showing its high efficiency and versatility



Battery life

Equipped with two sets of batteries, which can be replaced alternately to ensure battery life during the construction process.

SGCB Cordless Carbon Brushless Polisher

Main product introduction



Machineries*1



Charge*1



Battery*1



Battery*1



3" backplane*1



2" backplane & 1" backplane*1



12mm stroke free spin random orbital adapter/1



3mm stroke free spin random orbital adapter/1



connection rod*1



wrench*1



hold-all bag*1



3" heavy cutting*2



3" cutting*2



3" polishing*2



3" finishing*2



3" cutting wool pad*2



3" cutting wool pad*2



3" microfiber pad*2



2" heavy cutting*5



2" cutting*2



2" polishing*5



2" finishing*5



2" cutting wool pad*2



2" cutting wool pad*2



2" microfiber pad*2



1" heavy cutting*5



1" cutting*2



1" polishing*5



1" finishing*5



1" cutting wool pad*2



1" cutting wool pad*2



1" microfiber pad*2



Detail Polishing Machine

The machine, compact and lightweight, is suitable for polishing small parts inside and outside the car, and it is a necessary tool for the perfectionists to experience the perfect polishing process.



Item No. : SG-GF176 Item No. of overseas version: SG-GF191





Complete Accessories

complete accessories provide users with the best polishing solutions based on the actual situation .



Pack 1

Item No. : SG-GF238



Pack 2

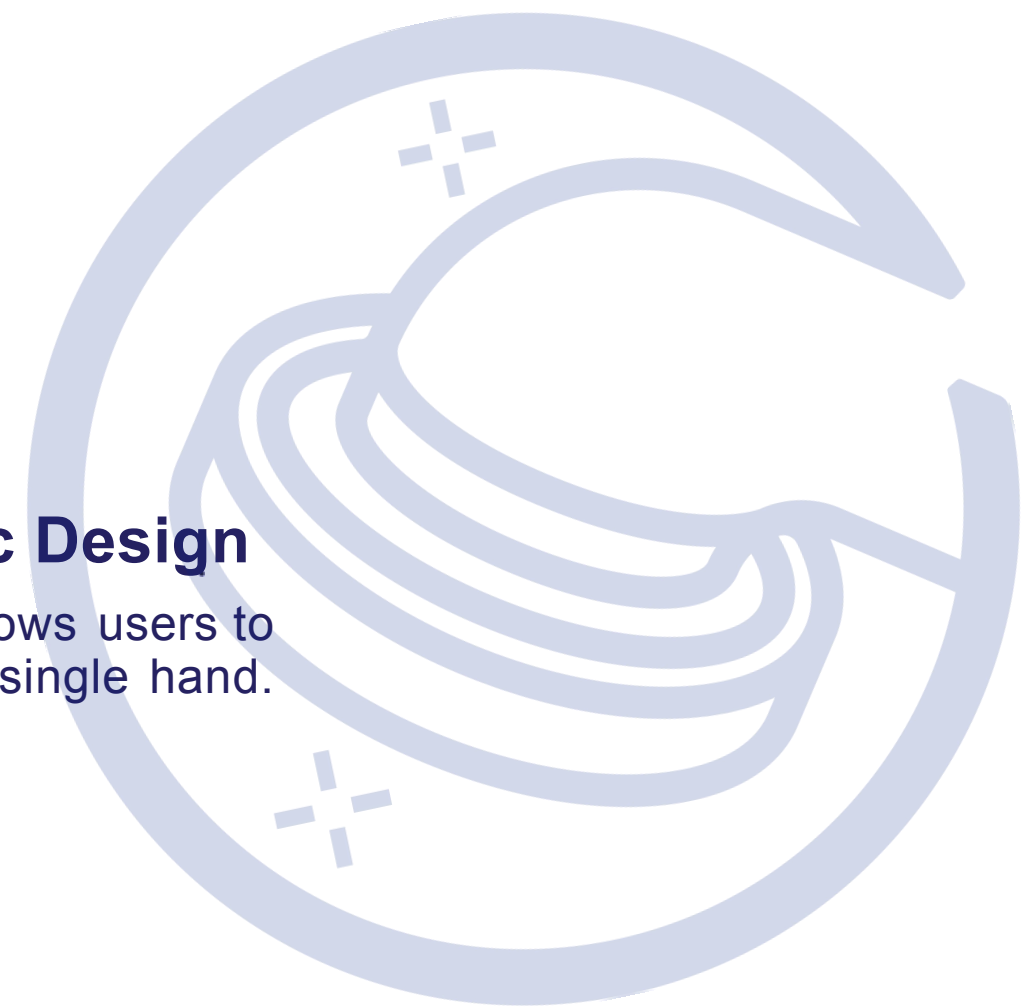
Item No. : SG-GF191(US)
SG-GF192(EU)





Ergonomic Design

Ergonomic design allows users to hold the machine by a single hand.



Speed Control

Soft starting allows users to completely control the machine and start polishing safely and easily.



SGCB Polisher





Three-in-one polish

Applying delayed crushing technology the product has high-level grinding capacity. with it, you can polish surfaces with only one step. The alumina particles make sure efficient removal of paint defects. with water-based formula , it produces little dust.

Item No: SG-FY001(120ml)
SG-FY002(500ml)



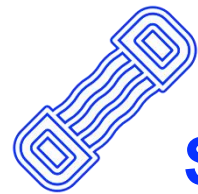
Super Finishing

with water-based formula free from silicon , it can be used in paint spray booth. It produces no dust and no glare fog shadow and can restore color brightness. It enables brightness and color rendition, providing users with perfect results.

Item No: SG-FY003(120ml)
SG-FY004(500ml)

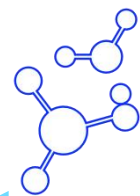
SGCB Buffing Pad Series

Strict Selection Of Raw Materials



Super Tensile Ability

Super tensile ability, not easy to break



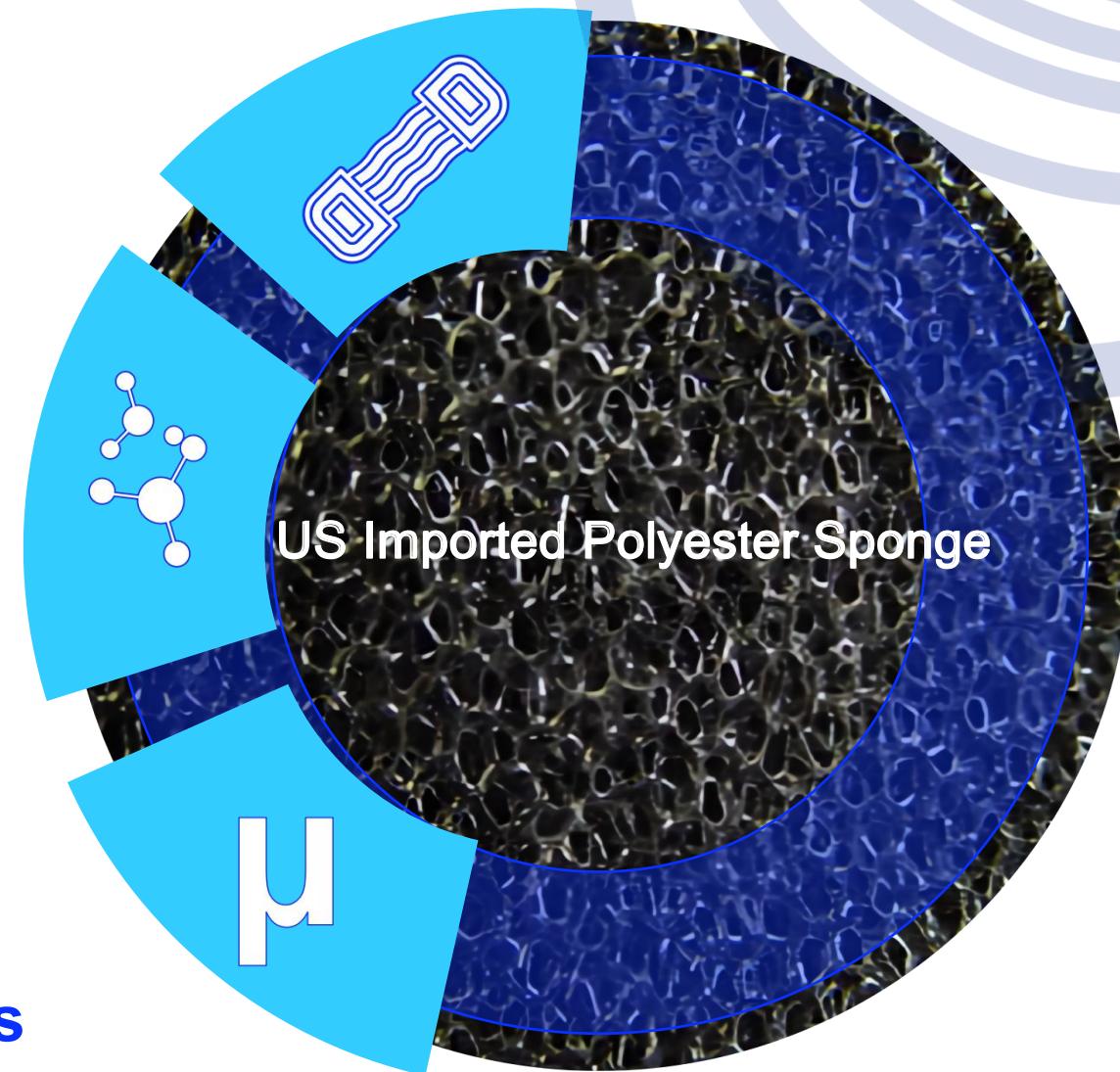
Sponge With Uniform Pore Size

Polishing will generate heat, but the pore size is uniform so it can withstand high temperature. Fast heat dissipation, water resistance, can be washed directly, and at the same time, it is corrosion-resistant which can prolong the service life.



Strong Adhesion To Fabrics

Composed of a variety of scientific and technological compounds, the composite adhesive strength with the cloth is high, and there will be no degumming phenomenon.





SGCB Buffing Pad Series

Double-layer Design, Improve Durability, No Deformation, No Degumming



Super-strength Magic Cloth, Strong Stickiness



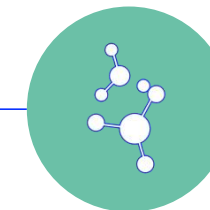
Made of polyester magic cloth material, the adhesive can be pasted many times, with high sticking performance



Technical Fabric Lining

A unique lining with a layer of technical fabrics solves two important problems.

- 1: Degumming problem.
- 2: Deformation problem.



Strict Selection Of Imported Raw Materials

Strict selection of polyester sponge, a variety of compounds, so that this product plays a very important role in the polishing system.

RO&DA Buffing Pad

Compatible With RO & DA Polisher



The SGCB polishing system has been continuously iterated. The latest series of all buffing pads have been improved in terms of glue and deformation. They are reinforced with double layers. An additional layer of technical fabric is added between the sponge and magic cloth as a lining.

Adopt a new glue bonding process, and the glue will not be degummed during cleaning and use.

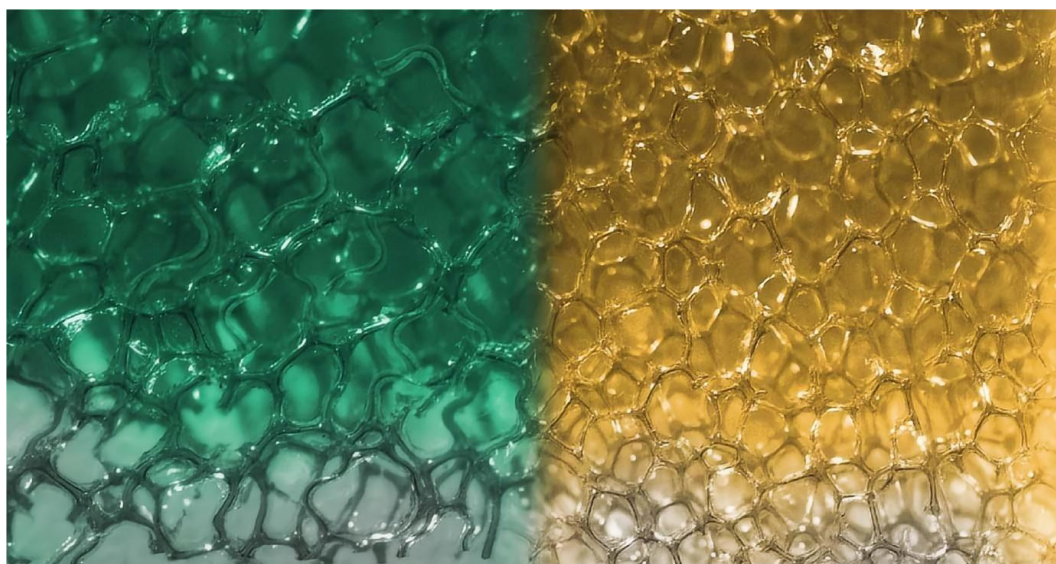
All sponges use a thickness of 20mm, which can better transmit the kinetic energy of the machine to the paint surface, reduce the loss of polishing strength, and greatly increase the efficiency.

Small beveled and rounded edge design, one pad can be compatible with the needs of different polishers.

Open-hole design in the center to dissipate heat from the center of the pad, reducing temperature and increasing durability.

RO&DA Buffing Pad

Compatible With RO & DA Polisher



Green Heavy Cutting Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Acid rain / resin / bird droppings corrosion / thick oxide layer
2. Heavy scratches
3. 1500# sandpaper marks

Yellow Cutting Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Moderate scratches
2. 1500# sandpaper marks

Wine Polishing Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Mild scratches
2. Messy scratches
3. 3000# sandpaper marks

Red Finishing Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Swirl mark
2. Quickly increases gloss





RO&DA Buffing Pad

Compatible With RO & DA Polisher



The color of each bar is matched with the corresponding cutting and finishing data (for reference only)





RO&DA Buffing Pad

Compatible With RO & DA Polisher



Precision Dimensions For Optimal Performance

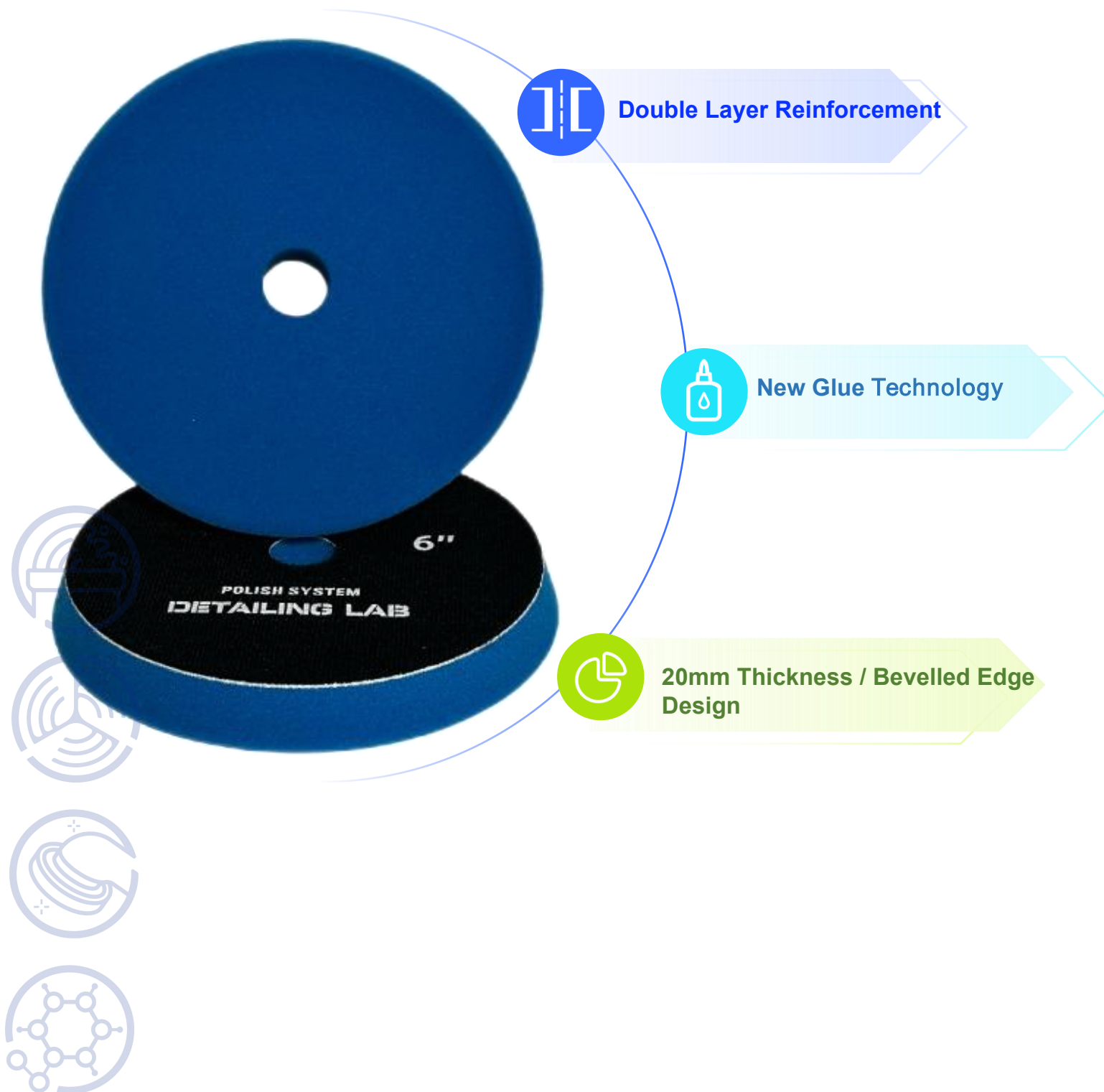
Size	Magic Cloth Top (Ø=mm)	Sponge Bottom (Ø=mm)	Thickness (mm)
3"	80	90	20
5"	130	140	20
6"	150	165	20

Color	Aggression	PPI (Par/Inch)	Density (kg/m³)	Tensile Strength (N)
Green	Heavy Cutting	88	41.94	459
Yellow	Cutting	87	42.5	320.4
Wine	Polishing	87	42.6	314.4
Red	Finishing	101	31.06	164.8



DA Buffing Foam Pad

Compatible With DA Polisher



The SGCB polishing system has been continuously iterated. The latest series of all buffing pads have been improved in terms of glue and deformation. They are reinforced with double layers. An additional layer of technical fabric is added between the sponge and magic cloth as a lining.

Adopt a new glue bonding process, and the glue will not be degummed during cleaning and use.

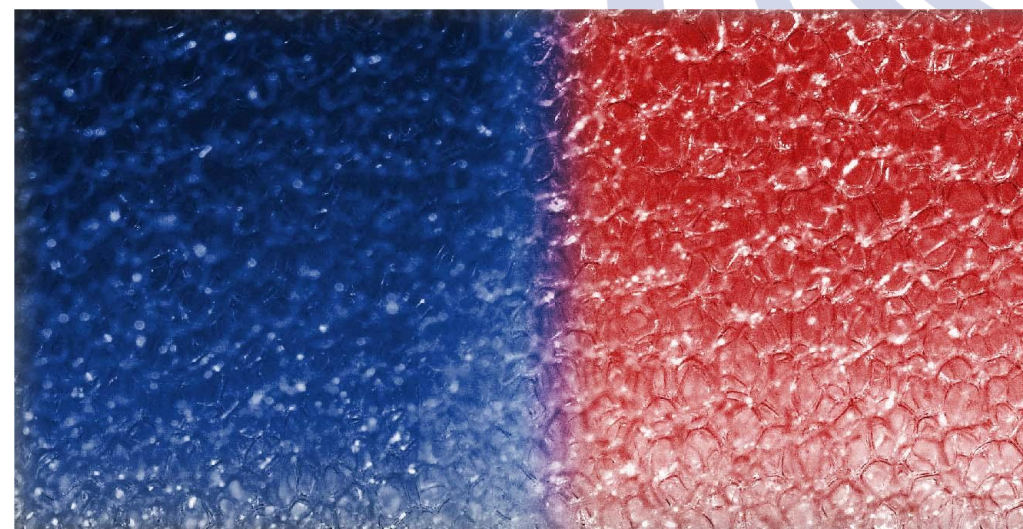
All sponges use a thickness of 20mm, which can better transmit the kinetic energy of the machine to the paint surface, reduce the loss of polishing strength, and greatly increase the efficiency.

Small beveled and rounded edge design, one pad can be compatible with the needs of different polishers.

Open-hole design in the center to dissipate heat from the center of the pad, reducing temperature and increasing durability.

DA Buffing Foam Pad

Compatible With DA Polisher



Green Heavy Cutting Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Acid rain / resin / bird droppings corrosion / thick oxide layer
2. Heavy scratches
3. 1500# sandpaper marks

Orange Medium Cutting Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Moderate scratches
2. 1500# sandpaper marks

Blue Polishing Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Mild scratches
2. Messy scratches
3. 3000# sandpaper marks

Red Finishing Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Swirl mark
2. Quickly increases gloss





DA Buffing Foam Pad

Compatible With DA Polisher



 Precision Dimensions For Optimal Performance

Size	Magic Cloth Top (Ø=mm)	Sponge Bottom (Ø=mm)	Thickness (mm)
3"	80	90	20
5"	130	145	20
6"	150	160	20

Color	Aggression	PPI (Par/Inch)	Density (kg/m³)	Tensile Strength (N)
Green	Heavy Cutting	88	41.94	459
Dark Orange	Cutting	87	42.2	319.4
Dark Blue	Polishing	88	43.5	312.6
Red	Finishing	101	31.06	164.8



S Pattern Buffing Pad(SE)

Compatible With RO Polisher

The SGCB polishing system has been continuously iterated. The latest series of all buffing pads have been improved in terms of glue and deformation. They are reinforced with double layers. An additional layer of technical fabric is added between the sponge and magic cloth as a lining.

Adopt a new glue bonding process, and the glue will not be degummed during cleaning and use.

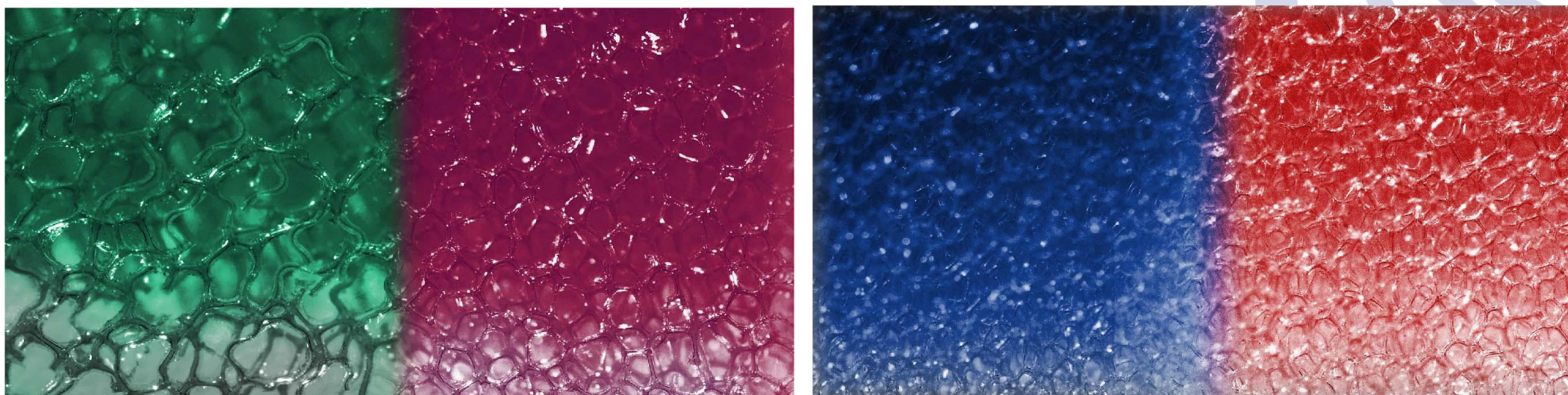
The new S pattern design better locks the abrasive and prevents it from falling off when the polishing is running at high speed.

The rounded edge design can avoid the contact between the RO polisher and the corner during polishing, which will cause damage to the sponge.



S Pattern Buffing Pad(SE)

Compatible With RO Polisher



Green Heavy Cutting Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Acid rain / resin / bird droppings corrosion / thick oxide layer
2. Heavy scratches
3. 1500# sandpaper marks

Purple Medium Cutting Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Moderate scratches
2. 1500# sandpaper marks

Blue Polishing Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Mild scratches
2. Messy scratches
3. 3000# sandpaper marks

Red Finishing Pad

Common solution:

Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Swirl mark
2. Quickly increases gloss





S Pattern Buffing Pad(SE)

Compatible With RO Polisher



Coarse

The color of each bar is matched with the corresponding cutting and finishing data (for reference only)



Item Code: SGGA192 (6") SGGA196 (5") SGGA200 (3")
Item Code: SGGA193 (6") SGGA197 (5") SGGA201 (3")
Item Code: SGGA194 (6") SGGA198 (5") SGGA202 (3")
Item Code: SGGA195 (6") SGGA199 (5") SGGA203 (3")



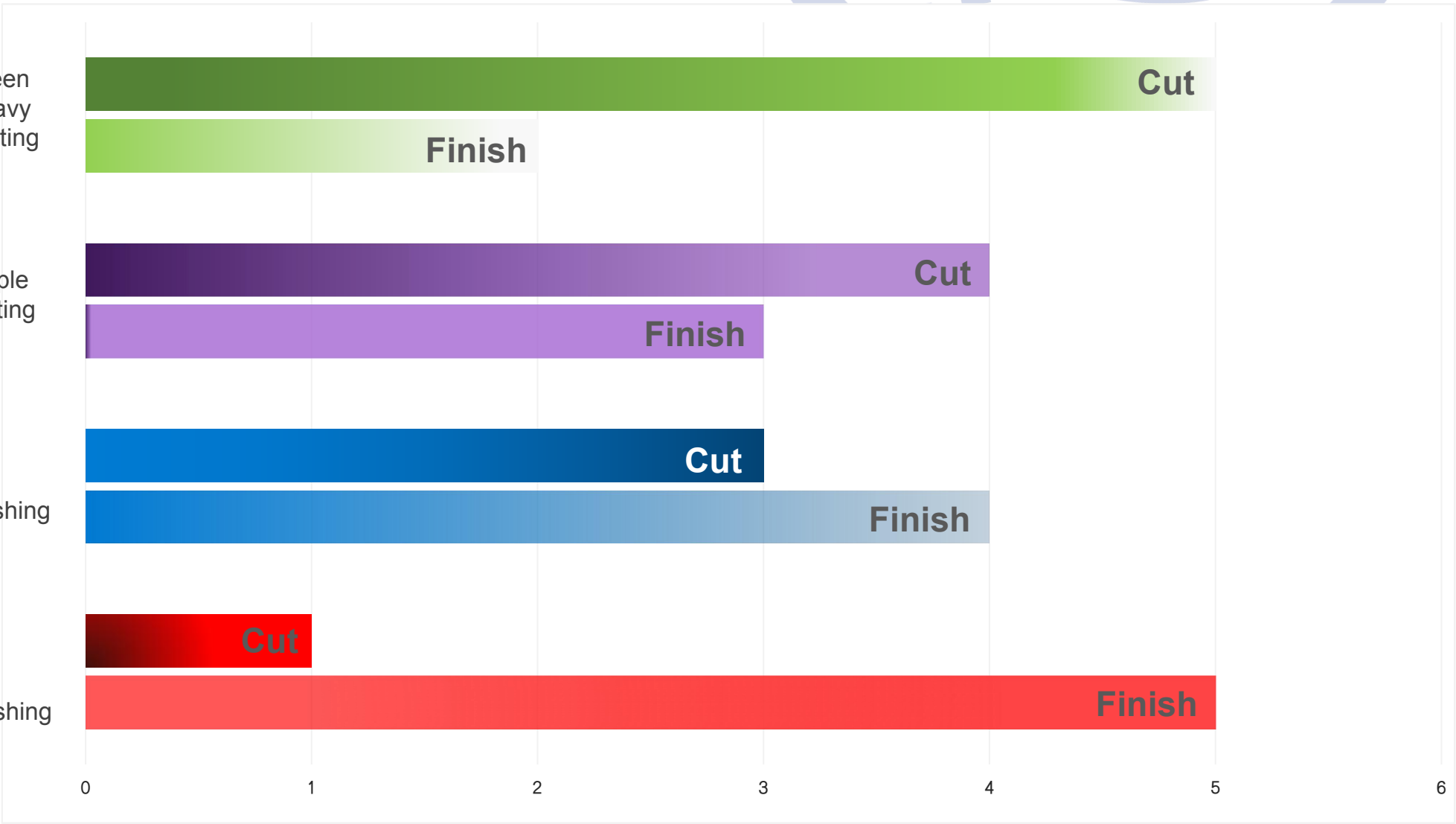
Green
Heavy
Cutting

Purple
Cutting

Blue
Polishing

Red
Finishing

Fine





S Pattern Buffing Pad(SE)

Compatible With RO Polisher



Precision Dimensions For Optimal Performance

Size	Magic Cloth Top (Ø=mm)	Sponge Bottom (Ø=mm)	Thickness (mm)
3"	80	90	25
5"	135	145	25
6"	150	160	25

Color	Aggression	PPI (Par/Inch)	Density (kg/m³)	Tensile Strength (N)
Green	Heavy Cutting	88	41.94	459
Purple	Cutting	87	42.2	319.4
Dark Blue	Polishing	88	43.5	312.6
Red	Finishing	101	31.06	164.8



Wool Cutting Pad (Long)

Compatible With RO&DA Polisher



**Double Layer Reinforcement/
Sponge Performance**



**New Glue Technology/
Beveled Edge Design**



**Unique Wool
Material**

The SGCB polishing system has been continuously iterated. The latest series of all buffing pads have been improved in terms of glue and deformation. They are reinforced with double layers.

The wool pad with polyester sponge not only improves the cushioning, but also allows the abrasive to stick to the wool better.

The hardness of the sponge is enhanced, which can well support the downforce during application and transmit kinetic energy to the surface.

Adopt a new glue bonding process, and the glue will not be degummed during cleaning and use.

The beveled edge design is adopted to prevent the backing plate from contacting the application site.

With amazing cutting force and unmatched finish. It provides excellent residue control and better performance compared to traditional wool pads, while also reducing linting.

Open-hole design in the center to dissipate heat from the center of the pad, reducing temperature and increasing durability.



Wool Cutting Pad (Long)

Compatible With RO&DA Polisher

Compared with foam pads, wool pads have amazing cutting ability, so they are used in many fields



Purple

Heavy Cutting Wool Pad

Common solution:
Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Heavy scratches
2. 1500# sandpaper marks

Blue

Medium Cutting Wool Pad

Common solution:
Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Moderate scratches
2. 2000# sandpaper marks
3. Swirl mark

White

Light Cutting Wool Pad

Common solution:
Combined with SGCB 3-In-1 Polish, the following common problems can be quickly solved:

1. Light scratches
2. Messy scratches
3. 3000# sandpaper marks
4. Swirl mark





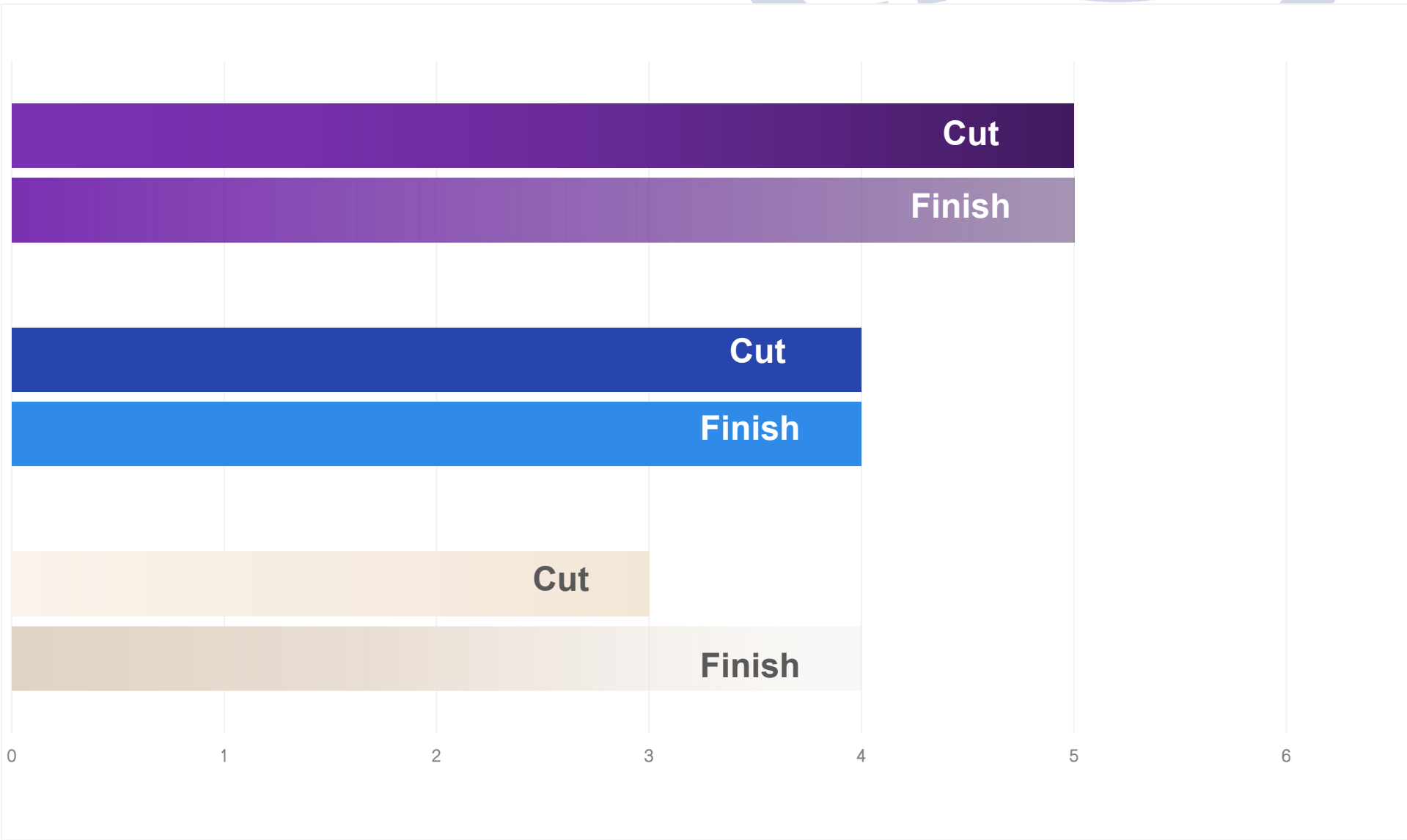
Wool Cutting Pad (Long)

Compatible With RO&DA Polisher

Coarse

Fine

The color of each bar is matched with the corresponding cutting and finishing data (for reference only)



Item Code:
SGGA159 (6")
SGGA162 (5")
SGGA165 (3")

Purple
Heavy
Cutting



Item Code:
SGGA160 (6")
SGGA163 (5")
SGGA166 (3")

Blue
Medium
Cutting



Item Code:
SGGA161 (6")
SGGA164 (5")
SGGA167 (3")

White
Light
Cutting





Wool Cutting Pad (Long)

Compatible With RO&DA Polisher



Precision Dimensions For Optimal Performance

Size	Magic Cloth Size (Ø=mm)	Wool Length (Ø=mm)	Thickness (mm)
3"	80	18	10
5"	130	18	10
6"	150	18	10

Color	Aggression	Long/Short	Cutting Force	Durability
Purple	Heavy	Long	5	5
Blue	Medium	Long	4	4
White	Light	Long	3	4



Wool Cutting Pad (Short)

Compatible With RO&DA Polisher



**Double Layer Reinforcement/
Sponge Performance**

**New Glue Technology/
Beveled Edge Design**

**Unique Wool
Material**

The SGCB polishing system has been continuously iterated. The latest series of all buffing pads have been improved in terms of glue and deformation. They are reinforced with double layers.

The wool pad with polyester sponge not only improves the cushioning, but also allows the abrasive to stick to the wool better.

The hardness of the sponge is enhanced, which can well support the downforce during application and transmit kinetic energy to the surface.

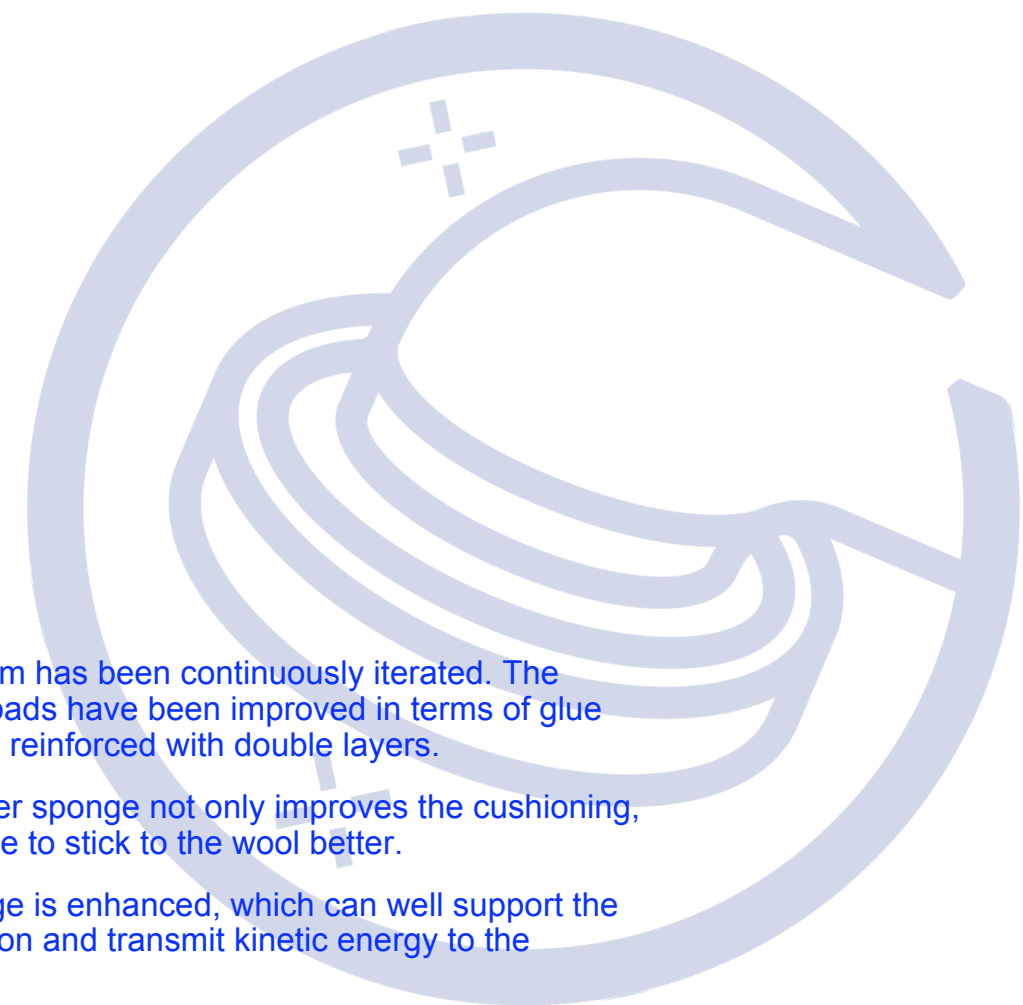
Adopt a new glue bonding process, and the glue will not be degummed during cleaning and use.

The beveled edge design is adopted to prevent the backing plate from contacting the application site.

With amazing cutting force and unmatched finish. It provides excellent residue control and better performance compared to traditional wool pads, while also reducing linting.

The red and white grid is composed of two kinds of wool with different lengths. From the appearance, it can be clearly seen that the two kinds of wool with different densities are arranged in an orderly manner. Different from the traditional wool pad, it can achieve the polishing effect and the finishing effect at the same time.

Open-hole design in the center to dissipate heat from the center of the pad, reducing temperature and increasing durability.



Wool Cutting Pad (Short)

Compatible With RO&DA Polisher



Red Heavy Cutting Wool Pad

Common solution:
Combined with SGCB 3-In-1
Polish compound, the
following common problems
can be quickly solved:

1. Heavy scratches
2. Paint defect repair
3. 1500# sandpaper scratche



Blue Medium Cutting Wool Pad

Common solution:
Combined with SGCB 3-In-1
Polish compound, the following
common problems can be
quickly solved:

1. Medium scratches
2. 2000# sandpaper scratche
3. Swirl marks





Wool Cutting Pad (Short)

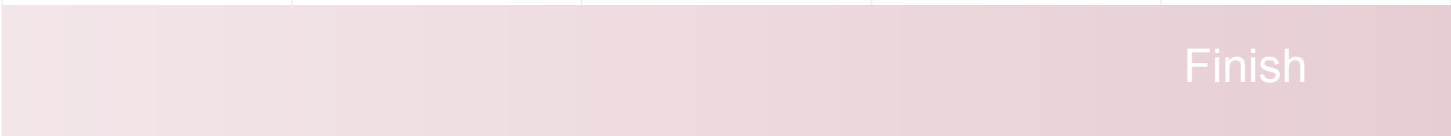
Compatible With RO&DA Polisher

The color of each bar is matched with the corresponding cutting and finishing data (for reference only)



Red

Item Code:
SGGA208 (6")
SGGA209 (5")
SGGA206 (3")

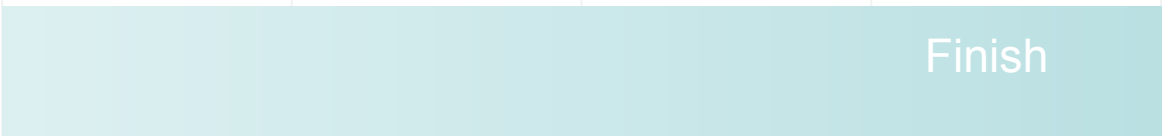


0 1 2 3 4 5 6



Blue

Item Code:
SGGA204 (6")
SGGA216 (5")
SGGA217 (3")





Wool Cutting Pad (Short)

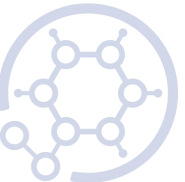
Compatible With RO&DA Polisher

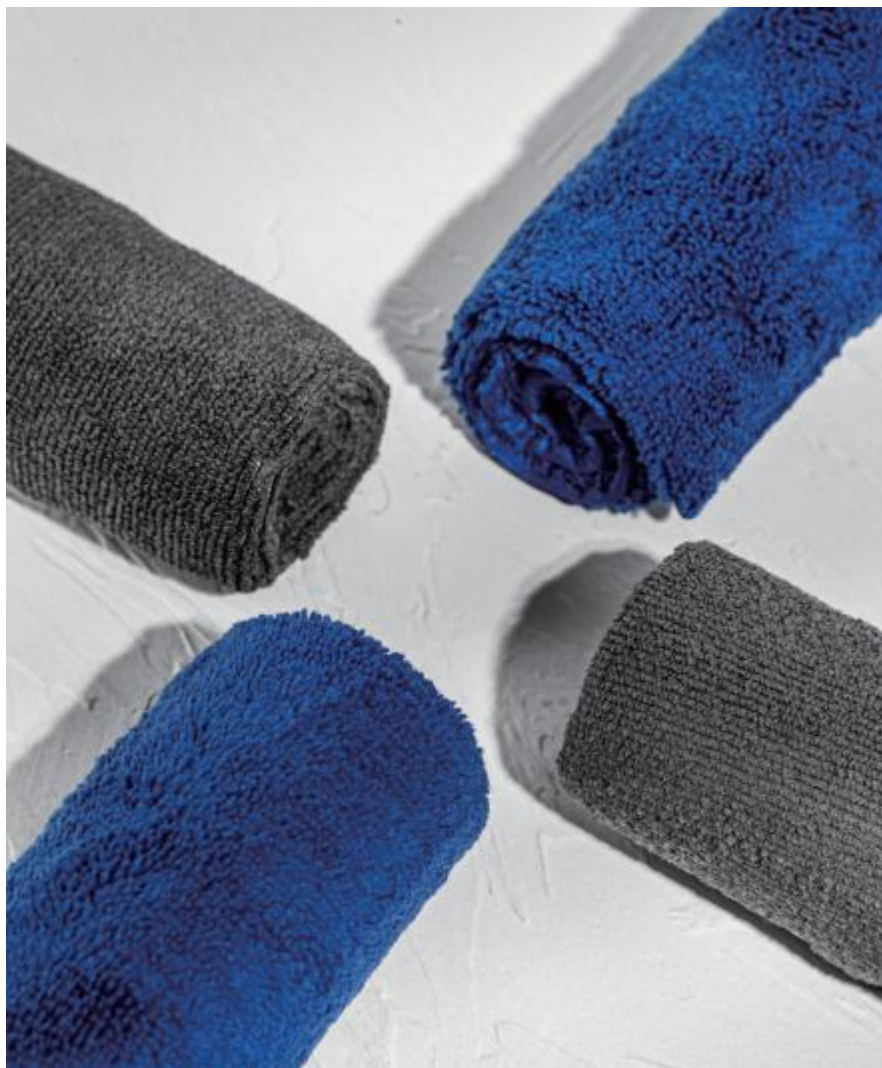


 Precision dimensions for optimal performance

Color	Aggression	Long/Short Wool	Cutting force	Durability
Red	Heavy	Short	5	5
Blue	Medium	Short	4	4

Specification	Magic Cloth Size (Ø=mm)	Wool Length (Ø=mm)	Thickness (mm)
3"	80	7	10
5"	130	7	10
6"	150	7	10





Microfiber Cleaning Towel

Microfiber cleaning towel is suitable for wiping any parts, it has warp knit function, strong cleaning ability, good water absorption, no lint and high durability.

item No.: SGGD193(GREY)
SGGD316(BLUE)



Wax Removal Towel

It can be used to clean the abrasive, and remove the contaminated wax. With both long and short nap, it is omnipotent. The hemming design makes it durable.

item No.: SGGD293(GREY)
SGGD315(BLUE)





Degreaser

with ultra-concentrated neutral formula, it can effectively remove residual oil stains, grease and residues.

Item No.: SG-FB038(120ml)
SG-FB028(500ml)



Push-pull Wax can

It can be used to pack abrasives and multi-functional detergent wax. compact and light, it is user-friendly.

Item No.: SG-GD132(200ml)
SG-GD133(300m)



LED Inspection worklight

It allows users to adjust brightness and color by 2700k-6500k gradual color temperature adjustment function. It is suitable for different scenarios. With adjustable rubber handle built-in magnetic base and IP65 waterproof function, it makes sure the safety and convenience.

Item No.: SG-GF177



SGCB DETAILING LAB

#2024



SGCB Autocare Product



sgcb_autocare_official



SGCB Autocare Product

Brand:SGCB

E-mail: service@sgcbautocare.com

Producer: Guangzhou SGCB Auto Supplies Co., Ltd

Address: Room 102-103, 1st floor, Building No.2,Elec&Eltek, No, 4 Hongming
Road, Guangzhou Economic Development Area

Tel: 4000-696-606