# Red Sun Star Industrial Co.Ltd.

*31 Years of Expertise in Integrated*
*Grinding · Polishing · Cleaning Solutions*

Your Expert In Metal Surface Polishing & Cleaning



# Company Profile

Founded in 1995, Redsunstar is a specialized provider of integrated solutions for the surface treatment industry, focusing on grinding, polishing , and industrial cleaning materials. Headquartered in Jiangmen, Guangdong, China, the company operates a modern production base covering approximately 50,000 square meters.

With more than 31 years of industry experience, Redsunstar has established 11 branches and subsidiaries across China, with products and services reaching customers in numerous countries and regions worldwide. To date, the company has provided high-quality products and services to more than 5,000 customers.

Redsunstar's core product portfolio includes grinding fluids, polishing compounds, polishing waxes, polishing wax removers, buffing and polishing wheels, polishing pads and abrasive materials, as well as other surface treatment products.



## Business Scope

With more than 31 years of expertise in grinding, polishing, and industrial cleaning, Redsunstar provides products and surface treatment solutions for a wide range of industries, including:

- 3C Electronics
- New Energy Vehicles (NEVs)
- Semiconductors
- Medical Devices
- Smart Home Appliances
- Watches & Jewelry
- Defense & Military Applications
- Hardware Manufacturing

Our products have a strong presence in the Chinese market and are exported to more than 20 countries and regions worldwide, serving a customer base of over 5,000 customers and business partners. Representative customers include leading companies such as Foxconn, BYD, Midea, Luxshare Precision, Lens Technology, and Kohler.

## Technical Strength

Redsunstar has a professional and highly experienced technical support team, enabling rapid response to customer needs and providing efficient technical support and application solutions.

Backed by strong R&D capabilities, technical expertise, and continuous innovation, Redsunstar has received numerous industry and government recognitions, including:National High-Tech Enterprise, National Specialized and Innovative "Little Giant" Enterprise, Guangdong Specialized and Innovative SME, Guangdong Engineering Technology Research Center for Environmentally Friendly Grinding and Cleaning New Materials, Famous Trademark of Guangdong Province,

Redsunstar has also obtained multiple management system certifications, including ISO 9001 Quality Management System and ISO 14001 Environmental Management System certifications. The company strictly implements 6S management standards throughout its operations to ensure product quality, stability, and consistency.



# Value - Added Services

Our service commitment is more than a slogan, a concept, or an advertising statement. We take it seriously.To fulfill this commitment, we have established a comprehensive, systematic, and standardized service support system.Ensuring precise execution and meticulous attention to detail at every stage.



Customized Service

Process Improvement

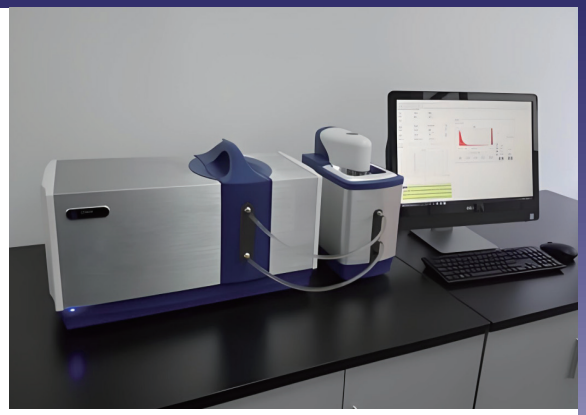
Process Solutions

Training Services

# R & D strength

Redsunstar has always embraced the philosophy that technological advancement drives development. We remain committed to independent R&D and continuous innovation, with annual R&D investment consistently accounting for more than 8% of total sales. To date, the company has been granted 32 invention patents.
With green, low-carbon, health-conscious, and environmentally responsible development at the core of our strategy, our products strictly comply with EU REACH regulations and RoHS standards.
Redsunstar actively promotes industry – academia – research collaboration and has established dedicated research centers with several renowned universities, including the “ Redsunstar – South China University of Technology Surface Treatment Technology Research Center ” and the “ Redsunstar – Henan University of Technology Grinding & Polishing Research Center. ”
Through in-depth university – industry collaboration, Redsunstar continues to drive technological innovation, strengthening our technical capabilities and supporting our leading position in the industry while delivering high-quality products and services to customers.

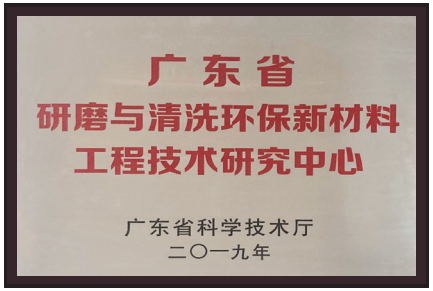







# Company Honors













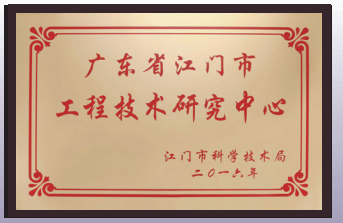






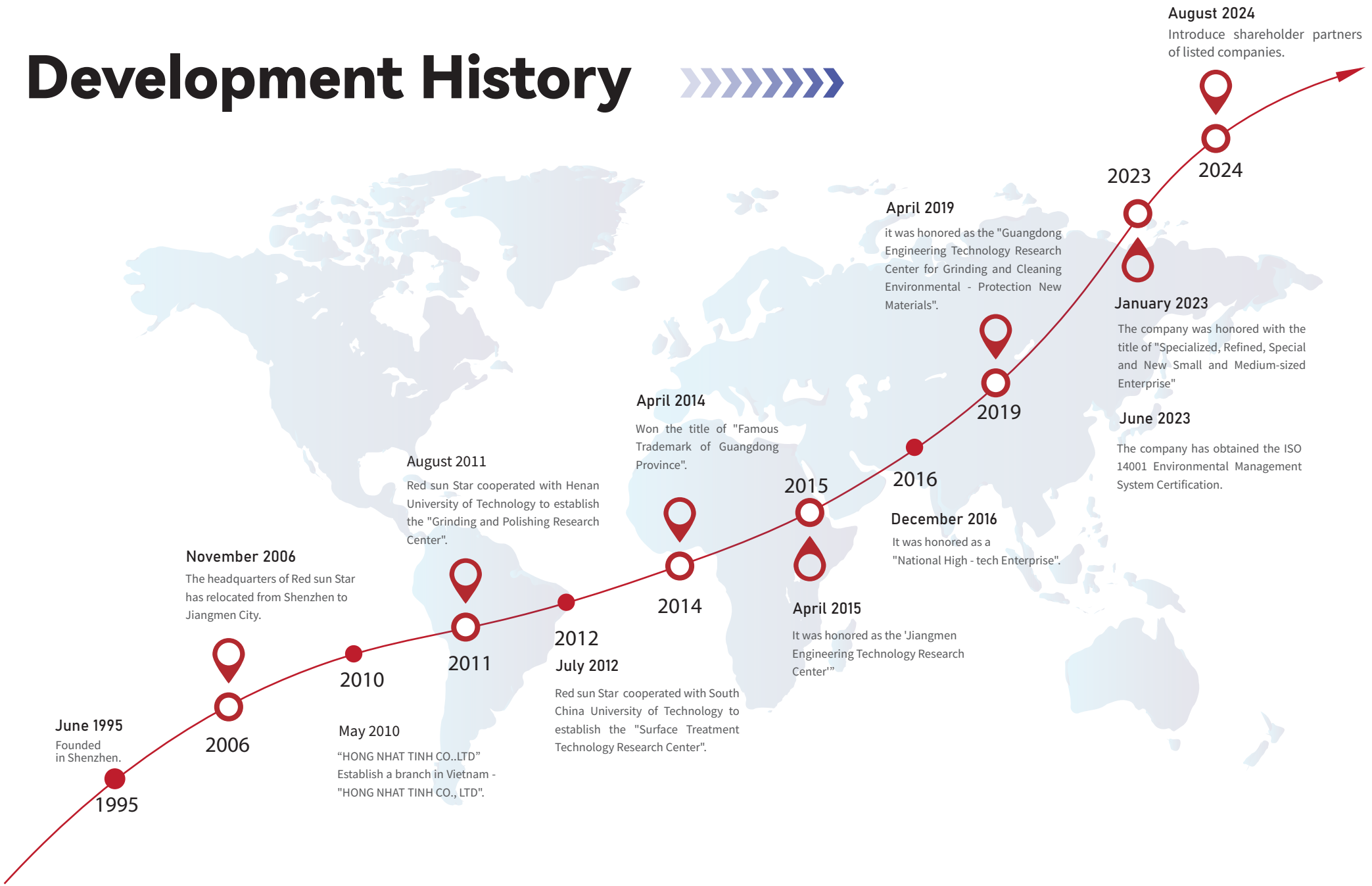







# Development History



# Business Partners

It is applied in the fields of 3C, new energy, semiconductors, medical care, automotive, aviation, hardware and sanitary ware, with more than 5,000 active customers.






# LAPPING FLUID · POLISHING SLURRY

| product name | Product parameters | Application Guide | | | | | Prominent features |
|---|---|---|---|---|---|---|---|
| | | Application industry | Application product | Application process | Complementary products | Application case | |
| Stainless steel medium - grinding fluid FA - 269 | Physical Appearance :White liquid (stratifies upon standing).<br>pH Value (of the original solution) : 2.6±1.<br>Abrasive Particle Size :2.2±1μm. | ☑3C Consumer electronics | The grinding process in making the Apple LOGO | Use of the original solution in the planar machine | copper plate | Abrasive processing in the iPad LOGO | (1) The product is extremely easy to disperse and does not require pre - equipment stirring.<br>(2) It has strong cutting force and can quickly remove knife marks and material texture on the surface of stainless steel.<br>(3) After medium grinding, the surface is free of scratches, and it is easy to achieve a mirror - like effect in the subsequent processing stages. |
| Stainless steel fine polishing liquid FA - 967 | Physical Appearance : Milky white liquid.<br>pH Value (5% solution) : 9.2 ± 1.<br>Abrasive Particle Size : 100 ± 20 nm. | ☑3C Consumer electronics | Mirror polishing of the Apple logo | Use of the original solution in the planar machine | High - precision polished black leather | Precision polishing of the iPad LOGO | (1) Imported Cabot nano - grade abrasives with good cutting force can enable stainless steel to achieve a mirror - like effect.<br>(2) After fine polishing, the surface is free of orange peel, pitting and scratches.<br>(3) The particles are evenly dispersed, ensuring good stability during fine polishing. |
| Aluminum alloy medium polishing liquid FA - 275 | Physical Appearance : White liquid.<br>pH Value (Original Solution) : 7.0 ± 1.<br>Abrasive Particle Size : 3 ± 1μm. | ☑3C Consumer electronics | Medium polishing of the mobile phone mid - frame | The five - axis polishing machine and the manipulator shall be used with the original solution mixed with water at a ratio of 1:0.5. | Medium - polished white leather | Medium polishing of the Huawei P70 | (1) Imported Fujimi alumina powder can quickly remove knife marks and material texture on the surface of aluminum alloy.<br>(2) It has good suspensibility, the particles are evenly dispersed, and it has good stability.<br>(3) After medium grinding, the surface is free of scratches, and it is easy to achieve a mirror - like effect in the subsequent processing steps. |
| Anti - crystallization stainless - free aluminum alloy fine polishing liquid FA - 970Y | Physical Appearance : Milky white liquid.<br>pH Value (5% Solution) : 8.4 ±1.<br>Abrasive Particle Size : 100 ± 20 nm. | ☑3C Consumer electronics | Mirror polishing of the mobile phone mid - frame | For the five - axis polishing machine and the manipulator, use a mixture of the original solution and water in a ratio of 1:1. | High - precision polished black leather | Precision polishing of the Huawei Mate X6 | (1) Imported Cabot nano - grade abrasives with good cutting force can enable aluminum alloy to achieve a mirror - like effect.<br>(2) After fine polishing, the surface is free of orange peel, pitting and a hazy appearance.<br>(3) The product is resistant to crystallization, the particles are not prone to agglomeration, and long - term use will not cause scratches on the surface. |
| Aluminum alloy matte grinding fluid FA - 342 | Physical Appearance : White liquid (stratifies upon standing).<br>pH Value (Original Solution) : 1.6 ± 1.<br>Abrasive Particle Size : 18 ± 5 μm. | ☑3C Consumer electronics | Matte grinding of the mobile phone camera bracket | Use of the original solution in the planar machine | yellow leather | Camera module of Huawei and OPPO mobile phones | (1) The product is extremely easy to disperse and does not require pre - equipment stirring.<br>(2) It has strong cutting force and can reduce the size by 4 - 5 units in about 3 minutes.<br>(3) After grinding, the surface is free of scratches and presents a matte effect. |
| Titanium alloy fine polishing liquid FA - 977 | Physical Appearance : Milky white liquid.<br>pH Value (5% Solution) : 9.2 ± 1.<br>Abrasive Particle Size : 100 ± 20 nm. | ☑3C Consumer electronics | Mirror polishing of the mobile phone mid - frame | For the five - axis polishing machine and the manipulator, use a mixture of the original solution and water in a ratio of 1:1. | High - precision polished black leather | Precision polishing of the Huawei Mate 70 | (1) Imported Cabot nano - grade abrasives with good cutting force can enable titanium alloy to achieve a mirror - like effect.<br>(2) After fine polishing, the surface is free of orange peel, pitting and scratches.<br>(3) The particles are evenly dispersed, ensuring good stability during fine polishing. |
| Zirconium alloy coarse grinding fluid FA - 343 | Physical Appearance : Grey liquid (stratifies upon standing).<br>pH Value (Original Solution) : 6.5 ± 1.<br>Abrasive Particle Size : 5±2μm. | ☑3C Consumer electronics | Rough grinding of the zirconium alloy outer ring of the watch | Use of the original solution in the planar machine | copper plate | The outer ring of the Apple iWatch | (1) The product is extremely easy to disperse and does not require pre - equipment stirring.<br>(2) It has strong cutting force and can remove about 40 units of size in approximately 4 minutes.<br>(3) It causes only slight wear to the high - manganese steel fixture. |




| Product Name | Product Parameters | Application Guide | | | Prominent Features |
|---|---|---|---|---|---|
| | | Application Industry | Applicable Material | Application Process | |
| Eco -friendlyAqueous Metal Cleaning AgentINT-100 | Appearance: Pink liquid<br>pH value(pure liquid):10.5 +1 | ☑3C ☑Auto Parts<br>☑Valves | Stainless stee,Iron material、Degreasing oftitanium alloys and copper aloys | Temperature:50-80°C<br>concentration:2-8%(in open -tank)Vethod:mmersion or ultrasonic treatment | (1)Contains special brighteners that can enhance the brightness of copper alloys andstainless steel.<br>(2):It has excellent water -washing performance, facilitating the subsequent rinsincprocess. |
| Heavy - duty Oil Cleaning Agent | Appearance:Pale yellow liquidpH value (pure liquid):12.9 ±1 | ☑3C ☑Hardware | Stainless steel、Iron material、 Degreasing ofaluminum alloy | Temperature:50-70°C<br>concentration:2-8%(in open -tank)<br>Methods:Immersion, ultrasonic treatmentor spray cleaning | (1)Contains high - efficiency surfactants and has strong heavy- oil removal capability.(2) it can be used for alkaline cleaning and film removal of aluminum alloys, and can replaceraditiona caustic soda for alkaline ceaning.<br>(3)Low-foaming, suitable for spray equipment. |
| Spray Cleaning Agent INT-62 | Appearance: Colorless or pale yellow liquidpH value(pure liquid):13.4 +1 | ☑3C ☑Hardware<br>☑Auto Parts | Stainless steel、 Degreasing of ironiaterials | Temperature:50-75°C<br>concentration:2-8%(in open -tank)Method:immersion or ultrasonic treatment | (1)It is suitable for cleaning contaminants such as cutting oil and drawing oil on the surfaces oi;stainless steel, iron materials, etc.<br>(2) It has extremely low foaming, eliminating the need to add defoamers additionally.<br>(3)It is phosphorus -free and nitrogen -free, making wastewater treatment easy. |
| Plane Grinding Cleaning AgentINT-320 | Appearance: Pale yellow liquidpH value(pure liquid):8.5 +1 | ☑3C ☑Hardware<br>☑Auto Parts | Stainless steel、 Acid pickling degreasing ofaluminum alloy | Temperature:50-75°C<br>Concentration:2-10%(in open-tank)Vethod:mmersion or utrasonic treatment | (1) It has strong cleaning ability and delivers excellent results in cleaning aluminum oxidegrinding fluids.<br>(2)it can clean sand - blasted aluminum alloys to achieve a bright - white appearance, and italso has good durability. |
| Halogen-Free Cleaning AgentINT-363 | Appearance: Colorless or pale yellow liquidpH value(pure liquid):8.5+1 | ☑3C ☑Sanitary Ware<br>☑Auto Parts | Degreasing of high-gloss aluminum alloyand zinc alloy | Temperature:50-75°C<br>Concentration:2-10% (in open - tank)<br>Method:Immersion or ultrasonic treatment | (1)It is non - corrosive to aluminum and zinc alloys, making it suitable for cleaning high.gloss surfaces.<br>(2)It can be used as an immersion solution to prevent the crystallization of the surfacepolishing liquid on precision -polished aluminum alloys.<br>(3)It is halogen -free and complies with Apple's sixinspection standards. |
| Antioxidant Cleaning Agent INT-561 | Appearance: Blue-green liquid<br>pH (undiluted): 3.0 ± 1 | ☑ 3C (Electronics)<br>☑ Molds (Die/Mold Cleaning) | Stainless Steel, Carbon Steel, and Aluminum Alloy Degreasing | Temperature: Room temperature to 60°C<br>Concentration: 10% (initial fill)<br>Method: Immersion or ultrasonic cleaning | (1) For cleaning stainless steel, die steel, and titanium alloys, with rust prevention effect for die steel<br>(2) For removing oxide films from copper electrodes and pure copper, preventing re-oxidation of copper |




| Product Name | Product Parameters | Application Guidee | | | Prominent Features |
|---|---|---|---|---|---|
| | | Application Industry | Applicable Material | Application Process | |
| Aluminum Alloy Precision Polishing Liquid Cleaner INT-628 | Appearance : Colorless or pale yellow liquid<br>pH value(5%): 1.4 ± 1 | ☑3C | Aluminum alloy silicon dioxide precision polishing solution | Temperature:50-65℃<br>Concentration: 3-8%(in open - tank)<br>Method: Ultrasonic | (1) The fine - polishing solution for silicon dioxide has excellent cleaning effects on the aluminum alloy camera lens and buttons of mobile phones<br>(2) It has no corrosive effect on aluminum alloy and does not affect the high - gloss surface |
| Stainless Steel Precision Polishing Liquid Cleaner INT - 617 | Appearance : Colorless liquid<br>pH value (5%) : 12.8 ± 1 | ☑3C | Cleaning of the fine - polishing solution for silicon dioxide on the surface of stainless steel | Temperature:70-85℃<br>Concentration: 5-15%(in open - tank)<br>Method: Ultrasonic | (1) The silicon dioxide fine - polishing residue on the surface of stainless - steel logos can be effectively removed by this cleaning agent<br>(2) This fine - polishing solution has low foaming characteristics, excellent water - rinsing performance, high surface cleanliness, and significantly enhances the subsequent PVD process |
| Semiconductor Cleaning Agent INT - 80 | Appearance : Colorless liquid<br>pH value (5%) : 7 ± 1 | ☑Semiconductor | Cleaning of the wafer after polishing | Temperature:50-65℃<br>Concentration: 3-8%(in open - tank)<br>Method: Ultrasonic | (1) Effectively remove particulate and chemical residues from the surface of copper after polishing<br>(2) Prevent corrosion on the copper surface and reduce defects on the polished wafer surface<br>(3) This product is suitable for post - polishing cleaning of copper processes in the 130 - 28nm node |
| Medical Device Cleaning Agent INT - 85 | Appearance : Colorless liquid<br>pH value (5%) : 7 ± 1 | ☑Medical Device | Cleaning of medical devices | Temperature:40-60℃<br>Concentration: 2-8%(in open - tank)<br>Method: Immersion or ultrasonic treatment | (1) Applicable to the cleaning of various surgical instruments, flexible endoscopes, rigid endoscopes, and dental instruments<br>(2) It has excellent cleaning effects on pollutants such as proteins and fats |
| Aerospace Cleaning Agent INT - 87 | Appearance : Pale yellow liquid<br>pH value (5%) : 8.5 ± 1 | ☑Aviation | Cleaning of the aircraft surface | Temperature: Room temperature<br>Concentration: 3-8%(in open - tank)<br>Method: Spraying or rinsing | (1) It can penetrate substances such as grease, carbon soot, and dust, enabling the removal of dirt without the need for wiping, thus saving time and effort<br>(2) While cleaning all the external surfaces of the aircraft, it will not cause damage to the aircraft coating, acrylic glass, etc.<br>(3) It neither corrodes aluminum nor causes hydrogen embrittlement, ensuring high safety |
| New Energy Vehicle Component Cleaning Agent INT - 90 | Appearance : Pale yellow liquid<br>pH value (5%) : 9.5±1 | ☑New Energy Vehicles | Cleaning of the battery case surface | Temperature:50-65℃<br>Concentration: 3-8%(in open - tank)<br>Method: Spraying or ultrasonic treatment | (1) It can rapidly remove high - viscosity extreme - pressure stamping and drawing lubricant stains, fingerprints, oxide layers, and dust, etc<br>(2) It has good corrosion - inhibition and rinsing properties, does not corrode aluminum alloy, and is easy to rinse with no residues |

# WAX STRIPPING AGENT




| Product Name | Product Parameters | Application Guide | | | Prominent Features |
|---|---|---|---|---|---|
| | | Application Industry | Applicable Material | Application Process | |
| Universal Wax Remover RS-86B | Appearance :Yellow liquid<br>pH value (5%):10.5 ±1 | ☑Tableware ☑Sanitary Ware<br>☑Watches and clocks<br>☑3C | Wax removal from stainless steel and copperalloys | Tem perature:70-85℃<br>Concentration:3-10%(in open -tank)<br>Method:ultrasonic | (1) It features a rapid wax - removal speed and simultaneously delivers excellent oil - removal effects<br>(2) It contains special brighteners that can enhance the brightness of copper alloys and stainless steelleaving no water -mark residues on the surface |
| Aluminum alloy waxremover RS -901 | Appearance : Dark yellow liquid<br>pH value(5%):8.5 +1 | ☑Tableware ☑Sanitary Ware<br>☑Watches and clocks<br>☑3C | Wax removal from aluminum alloys, stainlesssteel and titanium alloys | Temperature:70-85℃<br>Concentration:3-10%(in open -tank)<br>Method:ultrasonic | (1) It features a rapid wax - removal speed and can thoroughly remove wax residues in crevices<br>(2)It has no impact on the bright surface of aluminum alloy |
| Aluminum alloy waxremover RS -868 | Appearance : Dark yellow liquid<br>pH value (5%):9.2+1 | ☑Tableware ☑Sanitary Ware<br>☑Watches and clocks<br>☑3C | Wax removal from aluminum alloys, stainlesssteel and titanium alloys | Temperature:70-85℃<br>Concentration:3-10%(in open -tank)<br>Method:ultrasonic | (1)It exhibits extremely strong cleaning effects on both solid wax and liquid wax<br>(2)It has a long -lasting wax -removal ability and along service life<br>(3)It has no corrosive effect on sensitive aluminum alloys such as 7 - series aluminum and does notcause discoloration |
| Spraying wax remover RS-870 | Appearance : Pale yellow liquid<br>pH value(5%):9.5 +1 | ☑Tableware ☑Sanitary Ware<br>☑Kitchen and bathroom products<br>☑3C | Wax removal from stainless steel and titaniumalloys | Temperature:55-75℃<br>Concentration:3-10%(in open -tank)<br>Method:spraying | (1)It has low foaming property and is applicable to spray equipment<br>(2) It features rapid wax - removal speed, high surface cleanliness, and leaves no water marks<br>(3)It is phosphorus - free, and the wastewater generated is easy to treat |
| Spraying wax remover RS-357 | Appearance :Pale yellow liquid<br>pH value (5%):9.5+1 | ☑Tableware ☑Sanitary Ware<br>☑Kitchen and bathroom products<br>☑3C | Wax removal from aluminum alloys, stainlesssteel and titanium alloys | Temperature:55-75℃<br>Concentration:3-10%(in open -tank)<br>Method:spraying | (1) It exhibits low - foaming characteristics and is suitable for application in spray equipment<br>(2)It is extremelyeasy to rinse, which can save a significant amount of rinsing water<br>(3)It is phosphorus -free, and the resulting wastewater is easy to treat |
| Acidic Wax Remover RS-358 | Appearance : Pale yellow liquid<br>pH value (5% ): 2.6±1 | ☑Tableware ☑Sanitary Ware<br>☑Kitchen and bathroom products<br>☑3C | Suitable for stainless steel, stainless iron, aluminum alloy, copper alloy,Titanium alloy wax removal | Temperature: 55-85℃<br>Concentration: 3-10%(in open -tank )<br>Method: Ultrasonic cleaning | (1) Widely applicable for wax removal, degreasing, and dust removal on various metal materials<br>(2) Leaves metal surface bright with excellent rust prevention effect |

# PAINT STRIPPER · DEGREASING POWDER



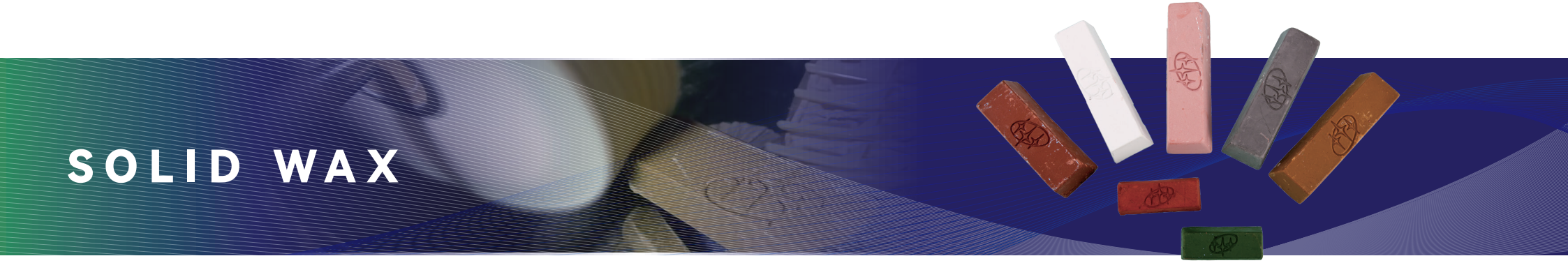

| Product Name | Product Parameters | Application Guide | | | Prominent Features |
|---|---|---|---|---|---|
| | | Application Industry | Applicable Material | Application Process | |
| Acidic Paint Stripper<br>PS - 101 | Appearance: Colorless liquid<br>Acid - base nature: Acidic | ☑ Tableware<br>☑ Kitchen and bathroom products<br>☑ 3C<br>☑ Watches and clocks | Paint removal for zinc, aluminum, copper alloy, aluminum alloy and stainless steel | Temperature: Room temperature<br>Concentration: stock solution (in open - tank)<br>Method: Immersion or ultrasonic treatment | (1) Suitable for various powder coatings, baked paints, electrophoretic paints and PU paints<br>(2) Non - corrosive to stainless steel, aluminum alloy, copper alloy and zinc - aluminum alloy |
| Alkaline Paint Stripper<br>PS - 108 | Appearance: Colorless liquid<br>pH value： acidity | ☑ Tableware<br>☑ Kitchen and bathroom products<br>☑ 3C<br>☑ Watches and clocks | Aluminum alloy paint removal、Stainless steel paint removal | Temperature: 60-90℃<br>Concentration: stock solution (in open - tank)<br>Method: Immersion or ultrasonic treatment | (1) Suitable for various powder coatings, baked paints, electrophoretic paints and PU paints<br>(2) Environmentally friendly, free of regulated solvents such as dichloromethane, and compliant with EU RoHS testing standards |
| Chemical Degreasing Powder INT - 20 | Appearance: White powder<br>pH value (1%): 13.0 ± 1 | ☑ Tableware<br>☑ Sanitary ware<br>☑ Automotive parts | Degreasing of stainless steel, iron and copper alloy | Temperature: 60-90℃<br>Concentration: 2-8% (in open - tank)<br>Method: Immersion or ultrasonic treatment | (1) Adopt imported Dow high - efficiency surfactants<br>(2) It has strong degreasing ability and is suitable for cleaning various cutting oils, drawing oils and other oily contaminants |
| Black alkali degreasing powder<br>INT - 30 | Appearance: Brown - black powder<br>pH value (1%): 13.0±1 | ☑ Tableware<br>☑ Sanitary ware<br>☑ Watches and clocks<br>☑ 3C | Stainless steel, iron and copper alloy | Temperature: 60-95℃<br>Concentration: 2-8% (in open - tank)<br>Method: Immersion or ultrasonic treatment | (1) Strong degreasing ability and good persistence<br>(2) Added with special black alkali components, it has extremely strong cleaning ability for hard - to - clean solid wax and hanging ash<br>(3) It can remove glue and ink at high temperatures<br>(4) Phosphorus - free, and the wastewater is easy to treat |
| Aluminum degreasing powder<br>INT - 203 | Appearance: White powder<br>pH value (1%): 10.5±1 | ☑ Automotive parts<br>☑ Sanitary ware<br>☑ Watches and clocks<br>☑3C | Zinc, aluminum, copper alloy, stainless steel and ferrous materials | Temperature: 50-70℃<br>Concentration: 1-8% (in open - tank)<br>Method: Immersion or ultrasonic treatment | (1) It has strong cleaning ability and can effectively remove cutting oils and drawing oils<br>(2) It requires a small dosage and has a low tank - filling ratio, and is highly durable<br>(3) It is non - corrosive to metal substrates and can keep the metal surface in its original color after cleaning |
| Electrolytic degreasing powder (low - foam type)<br>INT - 40 | Appearance: White powder<br>pH value (1%): ： 13±1 | ☑ Sanitary ware<br>☑ Hardware | Electrolytic degreasing of copper alloy, stainless steel and iron materials | Temperature: 40-60℃<br>Concentration: Cathodic and anodic electrolysis<br>Method: 3-8%<br>current density： 4-6A | (1) Contain high - efficiency surfactants with strong emulsifying ability<br>(2) Can penetrate into the fine pores and uneven parts of the metal surface, achieving thorough degreasing<br>(3) It has good durability and the cleaning tank can be replaced every 7 - 10 days<br>(4) Low - foaming, phosphorus - free, nitrogen - free, and the wastewater is easy to treat |

# LIQUID WAX




| product name | Product parameters | Application Guide | | | | | Prominent features |
|---|---|---|---|---|---|---|---|
| | | Application industry | Application product | Application process | Complementary products | Application case | |
| Aluminum alloy grinding paste FA - 270 | Physical State : White paste - like form<br>pH Value (1%) : 8.0 ± 1<br>Abrasive Particle Size : 1.2 ± 0.5 μm | ☑3C<br>Consumer electronics | Mirror polishing of small parts for mobile phones | Planar machine: Dilute with water at a ratio of 1:4 before use | blanket | Huawei mobile phone camera and side button | (1) Imported global abrasives with excellent cutting force, enabling aluminum alloy or stainless - steel to achieve a mirror - like finish<br>(2) After fine polishing, the surface is free from orange peel, pitting, and haziness<br>(3) It can produce a mirror - black sheen, comparable to the polishing effect of silica fine polishing solution |
| Liquid wax FA - 2190 | Physical State : White paste - like form<br>pH Value (1%) : 8.0 ± 1<br>Abrasive Particle Size : 1.2 ± 0.5 μm | ☑3C<br>Consumer electronics | Mirror polishing of small parts for mobile phones<br>Mirror polishing of mobile phone mid - frame | Planar machine: Dilute with water at a ratio of 1:4 before use<br>Polishing machine: Use the undiluted solution directly | blanket<br>silk - covered wind wheel | Huawei & OPPO Mobile Phone Components | (1) Imported Fujimi abrasives possess excellent cutting performance, enabling aluminum alloy or stainless steel to attain a mirror - like finish<br>(2) After fine polishing, the surface is free from orange peel, pitting, and a hazy appearance<br>(3) It can generate a mirror - black luster, which is comparable to the polishing effect of silica fine polishing solution |
| Liquid wax FA-2170 | Physical State : White paste - like form<br>pH Value (1%) : 8.0 ± 1<br>Abrasive Particle Size: 2.5±1um | ☑3C<br>Consumer electronics | Fine polishing of small mobile phone parts<br>Precision polishing of mobile phone mid-frame | Planar machine: Dilute with water at a ratio of 1:4 before use<br>Polishing machine: Use the undiluted solution directly | blanket<br>Full feather - cloth wind wheel<br>Blue pleated wind wheel | Xiaomi & Honor Mobile Phone Components | (1) Imported Fujimi abrasives, featuring excellent cutting performance, can enable aluminum alloy or stainless steel to achieve a bright finish<br>(2) After fine polishing, the surface is free from orange peel, pitting, and scratches |
| Liquid wax FA-2172 | Physical State : White paste - like form<br>pH Value (1%) : 8.0 ± 1<br>Abrasive Particle Size: 1.8±0.5um | ☑3C<br>Consumer electronics | Precision polishing of mobile phone mid-frame | Polishing machine: Use the undiluted solution directly | Thick flat - cloth wind wheel | Mid - frame of Huawei mobile phones | (1) Imported Fujimi abrasives, characterized by excellent cutting performance, can enable aluminum alloy or stainless steel to achieve a bright finish<br>(2) After fine polishing, the surface is free from orange peel, pitting, and scratches<br>(3) Subsequently, it is easy to obtain a mirror - like luster on the back - end by using silica fine polishing solution |
| Liquid wax FA-2150 | Physical State : Green paste<br>pH Value (1% solution) : 8.0 ± 1<br>Abrasive Particle Size : 1.3 ± 0.5 μm | ☑3C<br>Consumer electronics | Medium polishing of small mobile phone parts<br>Medium polishing of mobile phone mid - frames | Planar machine: Dilute with water at a ratio of 1:4 before use<br>Polishing machine: Use the undiluted solution directly | blanket/yellow leather<br>Yellow sized wind wheel | Camera, Side Buttons, and Frame Components of Huawei, Xiaomi, and Honor Mobile Phones | (1) With excellent cutting performance, it can rapidly remove the knife marks and material texture left from the previous processing steps on aluminum alloy or stainless steel<br>(2) After medium - grinding, the surface is free from scratches, and it is easy to achieve a mirror - like effect in the subsequent processing stages |
| Liquid wax FA-2188 | Physical State : White paste - like form<br>pH Value (1%) : 8.0 ± 1<br>Abrasive Particle Size: 1.4±0.5um | ☑3C<br>Consumer electronics | Medium grinding of small mobile phone parts | Planar machine: Dilute with water at a ratio of 1:4 before use | Aluminum alloy paired with yellow - leather/red - leather/white - blanket for medium - grinding in flat grinding | Camera, Side Buttons, and SIM Tray (Card Cap) Components of Xiaomi and Honor Mobile Phones | (1) Imported Fujimi alumina powder can rapidly remove the knife marks and material texture on the surface of aluminum alloy<br>(2) After medium - grinding, the surface is free from scratches, and it is easy to achieve a mirror - like effect in the subsequent processing steps |
| Liquid wax FA-3060 | Physical Appearance : Light turquoise paste<br>pH Value (1% solution) : 8.0 ± 1<br>Abrasive Particle Size : 5.2 ± 1.5 μm | ☑3C<br>☑Consumer electronics<br>☑ Bathroom handle | Medium Polishing of Miniature Mobile Phone Components<br>Precision Medium Polishing of Smartphone Mid-Frames | Planar machine: Dilute with water at a ratio of 1:4 before use<br>Polishing machine: Use the undiluted solution directly | Blanket<br>Thick flat - cloth wheel / Secondary sizing wheel | Camera, Side Buttons, and Zinc Alloy Handle Components of Huawei, Xiaomi, and Honor Mobile Phones | (1) With excellent cutting performance, it can rapidly remove the knife marks and material texture left over from the previous processing steps on aluminum alloy or zinc alloy<br>(2) It delivers good results in the previous grinding stage and is also easy to clean in the subsequent processing steps |
| Liquid wax FA-7060 | Physical Appearance : Maroon paste<br>pH Value (1% solution) : 8.0 ± 1<br>Abrasive Particle Size : 20 ± 5 μm | ☑tableware<br>☑cutlery | Rough polishing of knives and forks | Polishing machine: Use the undiluted solution directly | Eight - strand hemp wheel<br>Air - driven hemp wheel | Stainless Steel Cutlery Set Knives & Forks | (1) With outstanding cutting performance, it can swiftly eliminate the knife marks and material texture left from the previous processing steps on stainless steel<br>(2) It exhibits excellent results in the previous grinding stage and is also easy to clean in the subsequent processing procedures |

# SOLID WAX

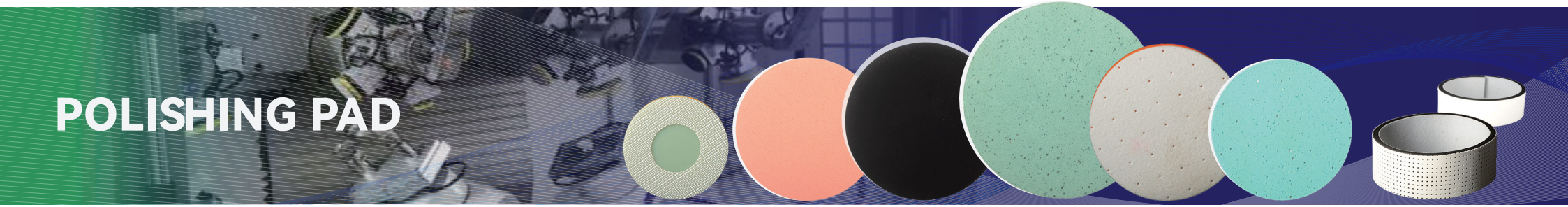


| Model | Applicable Metals and Properties | | | | | | | | | Weight (g/strip) ± 10g | Features and Applications |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aluminum and its alloys | Copper and its alloys | Copper and its alloys | Steel/Iron | Titanium | Plastics | Grease content | Cutting force | Glossiness | | |
| Yellow wax No. 0 | √ | | | √ | | √ | ** | *** | ** | 890-920 | Advanced technology, powerful cutting force, and unique formula. It is designed to be used in conjunction with cotton buffing wheels and is suitable for both automatic and manual polishing machines. It can be used for rough polishing of plastics, zinc, aluminum alloys and other metals<br>Application scenarios include eyeglass frames, automotive parts, and kitchen utensils. |
| Purple wax C8D | √ | √ | √ | √ | | | *** | ****** | **** | 860-890 | It features a powerful cutting force. Made from high - quality abrasives and a premium blend of fats and oils, this product is easy to clean. Designed to be used with a sisal wheel, it is suitable for both automatic and manual polishing machines. It can be used for rough and medium polishing of stainless steel, copper, iron, and aluminum alloys<br>Application scenarios include automotive parts, watches and clocks, and tableware |
| White wax L1 | √ | √ | | √ | √ | | *** | ***** | *** | 750-780 | It features a strong cutting force and can achieve rapid gloss development. With a moderate oil content, it is designed to be used with cotton buffing wheels and is suitable for both automatic and manual polishing machines. It can be used for rough and medium polishing of copper, zinc, and aluminum alloys |
| White wax No. 6 | √ | √ | √ | √ | | √ | * | ** | ****** | 350-360 | Specially formulated for mirror polishing of high - end stainless - steel products. It features low dosage with excellent results and leaves no cloth wheel marks. Designed to be used with fine white buffing wheels, it is compatible with both automatic and manual polishing machines. It can be used for fine polishing of stainless steel, copper, iron, and aluminum alloys<br>Application scenarios include precision instruments, watch components, and jewelry |
| Greenish-bluewax G10 | √ | √ | √ | √ | √ | | ** | *** | ***** | 920-950 | With a unique formula and top - grade imported raw materials, this product boasts high durability and efficiency. It is designed to be used with full - feather buffing wheels and is suitable for both automatic and manual polishing machines. It can be used for polishing stainless steel, copper, iron, and aluminum alloys<br>Application scenarios include automotive parts, watches, and kitchen utensils |
| Pink-purple wax No. | √ | | √ | √ | | | *** | ****** | *** | 1600-1650 | It features a strong cutting force, is non - toxic and odorless, and can achieve smooth grinding. Designed to be used with sisal buffing wheels and compatible with both automatic and semi - automatic polishing machines, it is suitable for rough and medium polishing of stainless steel and iron<br>Application scenarios include automotive parts and tableware cutlery |



# NON WOVEN POLISH WHEEL

| Item | Model | Product Specifications | Features | | Product Applications | Suitable Materials | Application Industries |
|---|---|---|---|---|---|---|---|
| | | | Prominent Features | Product Advantages | | | |
| Non woven polish wheel | NY-SA | Particle size : 60# - 1500#<br>Hardness : 2P - 15P<br>Diameter : 60mm - 400mm<br>Thickness : 5mm - 100mm<br>Standard round holes : 18mm / 20mm / 25mm / 32mm<br>Other hole shapes : round holes, hexagonal holes, square holes<br>Remarks : Customized according to customer requirements | 96 - hour high - humidity environment simulation test : The military - grade stability confronts the challenges of the plum rain season, and the performance curve remains as flat as ever | Does not discolor or burn the workpiece;<br>Possesses stronger cutting force and high machining consistency;<br>Has a longer service life. | Polishing, blending, and deburring of various metals, bakelite, and plastics | ☑ Titanium alloy<br>☑ Stainless steel<br>☑ Carbon steel<br>☑ Zinc alloy<br>☑ Aluminum alloy<br>☑ Iron<br>☑ Plastic<br>☑ Wood<br>☑ Composite material<br>☑ Cast iron<br>☑ Glass fiber | ☑ New energy<br>☑ Aviation<br>☑ Medical treatment<br>☑ 3C<br>☑ Military industry<br>☑ Hardware<br>☑ Shipbuilding |
| | NY-HA | | | Does not cause blackening or burning of the workpiece<br>Features strong cutting force and high machining consistency<br>Has a long service life | | | |
| | NY-PA | | | The brushed texture is clear, uniform, and highly consistent.<br>It does not turn black or leave adhesive residue | Brushing treatment of various metals before and after electroplating | | |
| Scouring pad | NY-HP | Particle size : 60# - 1500#<br>Coil material specification : 0.9 m × 80 m<br>Cutting options : It can be cut into flake - shaped pieces such as 5×8, 6×9, 8 inches, etc., and different - sized strips | | It features good sharpness, enabling rapid and clear wire - drawing with high uniformity<br>With a unique textile structure, it has high compactness and excellent durability | Cleaning, deburring, blending, polishing, and brushing treatment of metal, wood, composite materials, plastics, and painted surfaces | | |
| Flap Wheel | NY-IP | Particle size : 60# - 1500#<br>Diameter : 100 - 300 mm<br>Height : 20 - 100 mm<br>Aperture : 19 mm<br>Remarks : Customized according to customer requirements | | The brushed texture is distinct, uniform, and highly consistent | Brushing treatment of various metals before and after electroplating | | |
| Black Diamond | NY-RS | Particle size : Ranging from #60 to #1500.<br>Diameter : Measuring between 100 mm and 300 mm.<br>Height: Varying from 20 mm to 100 mm<br>Aperture : With a Remarks : This product can be customized in accordance with customers' specific requirements | | High strength, long service life and good sharpness. It is used for rapid grinding and polishing, featuring high processing efficiency and high consistency | Used for rust removal, oxide scale removal, welding slag removal, paint removal, epoxy coating removal, and rough brushing | | |




| Item | Product Name | Major Category | Product Parameters | Application Guide | | | | | Product Features | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Regular Specifications | Application Industries | Application Products | Application Equipment | Supporting Products | Application Cases | Mirror Surface | Prominent Features |
| Polishing leather | Black polishing leather for mobile phone frame fine polishing HRX-DYH-3D10 | Fine polishing | Conventional specifications: 4 - inch (100mm) round velvet - lined / Customizable Product material: Polyurethane leather | ☑3C consumer electronics | Mirror polishing of mobile phone frame | Five - axis polishing machine Robotic arm | Aluminum alloy fine polishing solution | Huawei foldable screen fine polishing | 5-10nm | The polishing layer is made of Japanese Fugimi resin foam With a lifespan ratio of 1:30 for polishing, it is suitable for mirror - finishing 3D irregular surfaces and can achieve mirror - finishing without dead corners |
| | Black polishing leather for mobile phone frame fine polishing HRX-DYH-Z10 | | Conventional specifications: 4 - inch (100mm) round / Customizable Product material: Polyurethane leather | ☑3C consumer electronics | Mirror polishing of mobile phone frame | Five - axis polishing machine Robotic arm | Aluminum alloy fine polishing solution | Huawei Pura 70 fine polishing | 5-10nm | The polishing layer is made of Japanese Fugimi resin foam. With a lifespan ratio of 1:0 for polishing, it is designed for mirror - finishing vertical flat surfaces, such as the mirror - finishing of the mid - frame of the iPhone 14 |
| | Black polishing leather for Apple logo fine polishing HRX-DYH-L610 | | Conventional specifications: 4 - inch (100mm) round / Customizable Product material: Polyurethane leather | ☑3C consumer electronics | Mirror polishing of Apple logo | Flat grinder | Stainless steel fine polishing solution | iPad LOGO fine polishing | 5-10nm | The polishing layer is made of Japanese Fugimi resin foam. It can perform single - side grinding and polishing without edge collapse through precision grinding. It has a lifespan that can handle polishing of 2000 pieces of Apple stainless - steel logos |
| | White polishing leather for mobile phone frame fine polishing HRX - DYB - 3D10 | | Conventional specifications: 4 - inch (100mm) round velvet - lined / Customizable Product material: Polyurethane leather | ☑3C consumer electronics | Mirror polishing of mobile phone frame | Five - axis polishing machine Robotic arm | Aluminum alloy fine polishing solution | Huawei Mate 70 fine polishing | 5-10nm | The polishing layer is made of Japanese Fugimi resin foam. With a lifespan ratio of 1:30 for polishing, it is applicable to mirror - finishing 3D irregular surfaces and can achieve mirror - finishing without dead corners |
| | Long - strip white polishing leather HRX - DYB - 3D684 | | Conventional specifications : 684×70mm long - strip with velvet lining Product material : Polyurethane | ☑3C consumer electronics | Mirror polishing of mobile phone frame, hinge, and fine polishing | Robotic arm Stacking machine | Aluminum alloy fine polishing solution | Fine polishing of OPPO and Honor mobile phones | 5-10nm | The polishing layer is made of Japanese Fugimi resin foam. With a lifespan ratio of 1:30 for polishing, it is suitable for mirror - finishing 3D irregular surfaces and can achieve mirror - finishing without dead corners |
| | Coarse - grinding PU leather HRX - DYC - Z75 | Rough polishing | Conventional specifications: 3 - inch (75mm) round velvet - lined / Customizable Product material: Polyurethane leather | ☑3C consumer electronics | Rough polishing of mobile phone frame to remove knife marks | Five - axis polishing machine Robotic arm | water | Coarse polishing of Honor mobile phones | 0.2-0.8um | Polyurethane is implanted with abrasives to replace sponge sand. Its service life can reach up to three times that of sponge sand, and it can produce fine rough - polishing patterns |
| | Brown coarse - grinding sponge sand HRX - DYC - Z85 | | Conventional specifications : 3.5 - inch round velvet - lined / customizable Product material : Aluminum oxide, silicon carbide | ☑3C consumer electronics | Rough polishing of mobile phone frame to remove knife marks | Five - axis polishing machine Robotic arm | water | Coarse polishing of Xiaomi mobile phones | 0.2-0.8um | The imported abrasive is from Saint - Gobain. It has strong grinding power, high service life, and can be continuously used |
| | Silicon wafer fine - polishing leather HRX - BDTJ - 1 | semiconductor | Conventional specifications : Customizable Product material : Polyurethane abrasive paper (sandpaper) | ☑ Semiconductor CMP | Fine polishing of silicon wafers | CMP polishing machine | Fine grinding fluid | Grinding of automotive chips | chip - level | Japanese Fugimi resin has extremely strong stability |



# SISAL BUFF COTTON BUFF FLAP WHEEL

| Polishing Wheel | Product Name | Product Specifications | Supported Bore Diameter Sizes | Customizable Specifications Supported | Characteristics | | | | Product Highlights | Application Materials | Application Industries |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Cutting ability | Durability | Buffing | Polishing | | | |
| Sisal Buff | Plane Polish Buff | Outer diameter:60mm-500mm | 12mm-50mm | Customizable | **** | **** | • | | The product has stable quality, excellent strength of sewn cotton threads, and correct balance | ☑ Titanium alloy<br>☑ Stainless steel<br>☑ Zinc alloy<br>☑ Aluminum alloy<br>☑ Iron<br>☑ Plastic<br>☑ Bakelite<br>☑ Other metals | ☑ Automobile<br>☑ Aviation<br>☑ Medical treatment<br>☑ 3C<br>☑ Military industry<br>☑ Hardware<br>☑ Kitchenware |
| | Bias Sisal Buff | Outer diameter: 200mm-500mm | 75mm/127mm/178mm | Customizable | **** | ***** | • | | It features strong cutting ability and strong pattern removal ability, along with elasticity and long wear life | | |
| | Oil Sisal Buff | Outer diameter: 60mm-500mm | 12mm-50mm | Customizable | ***** | ***** | • | | It has extremely strong cutting force and long wear life | | |
| | Wave - shaped Sisal Buff | Outer diameter: 350mm-450mm | 75mm/127mm/178mm | Customizable | **** | ***** | • | | It boasts strong cutting force and can exhibit elastic properties under high - load compression | | |
| Cotton Buff | Buckle Buff | Outer diameter: 60mm-450mm | 12mm-50mm | Customizable | ** | **** | | • | It has good balance and can achieve excellent mirror - finishing polishing results | | |
| | Wind Buff | Outer diameter: 150mm-500mm | 16mm-50mm | Customizable | ** | **** | • | • | The polishing paste and slurry have strong adsorption capacity and can play a cooling role during polishing | | |
| | Stiched Buff | Outer diameter: 60mm-450mm | 12mm-50mm | Customizable | *** | **** | • | • | The polishing paste and slurry have strong adsorption capacity and good elasticity | | |
| | Jewelry Polishing Buff | Outer diameter: 80mm-300mm | 3mm-25mm | Customizable | ** | **** | | • | It enhances the glossiness of the object's surface, and the high - toughness flannel material will not damage the workpiece | | |
| | Wave - shaped Cloth Buff | Outer diameter: 350mm-450mm | 75mm/127mm/178mm | Customizable | *** | ***** | • | • | It has strong cutting force and can exhibit elastic properties under high - load compression | | |
| Flap Wheel | Regular Flap Wheel | Outer diameter: 150mm-400mm | 25mm-50mm | Customizable | ***** | ***** | • | | It has strong cutting force and can exhibit elastic properties under high - load compression | | |
| | Irregular Flap Wheel | Outer diameter: 200mm-400mm | 25mm-50mm | Customizable | ***** | ***** | • | | It has strong cutting force, can perform efficient grinding, operates stably, and has a high cost - effectiveness ratio | | |
| | Inner - surface Polishing Flap Wheel | Outer diameter: 100mm-250mm | 16mm-50mm | Customizable | ***** | ***** | • | | It has strong cutting force, good elasticity and toughness, and can achieve efficient and precise grinding | | |

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