



KINTEK SOLUTION

Ptfe Material Catalog

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KINTEK SOLUTION

COMPANY PROFILE

>>> About Us

Company Profile

Kintek Solution Ltd is one technology orientated organization, team members are devoted to probing the most efficient and reliable technology and innovations in the scientific researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vacuum creating, refrigerating, as well as pharmaceutical and petroleum extracting equipment.

Products & Services

Kintek Solution Ltd is headquartered in Zhengzhou, the capital city of Henan Province, China, and its core business includes the manufacture, distribution and sale of all types of scientific research equipment and laboratory consumables. The wide range of products and services covers the following main areas:

- **Sample Preparation Equipment:** We provide high-performance sample preparation equipment such as tablet presses, ball mills, vibrating sieves and tablet punching machines, which are capable of meeting a wide range of sample preparation needs and ensuring high quality experimental data and research results.
- **Thermal Equipment:** Our thermal equipment includes tube furnaces, sintering furnaces, vacuum furnaces, atmosphere furnaces, graphite furnaces, dental furnaces, rotary furnaces, and high-temperature furnaces (e.g., MPCVD, CVD, PECVD, electric rotary kilns). These facilities excel in high-temperature processing and materials synthesis, meeting a wide range of needs from basic research to industrial production.
- **Biochemical equipment:** We offer a wide range of biochemical laboratory equipment, including rotary evaporators, vacuum pumps, cold trap chillers,

heating circulators, reactors, short-range distillation equipment, sterilization equipment, and homogenizers. These equipments are widely used in the fields of chemical reaction, biological processing and pharmaceutical manufacturing.

- **Laboratory Consumables:** We supply a wide range of laboratory consumables such as fine ceramic products, electrochemical consumables, PTFE material products, high purity materials, battery materials, chemical vapor deposition materials, optical materials, thin film deposition components and glass materials. These consumables provide the necessary support for laboratories to ensure the smooth running of experimental processes.

Technological Advantages

Kintek Solution Ltd has significant technological strengths in the field of scientific research equipment and technical solutions, which enable us to stand out in a competitive marketplace and support our customers with cutting-edge technology. The following are our key technological strengths:

Advanced R&D capabilities

- **Technological Innovation:** Our R&D team is committed to exploring and developing the latest technologies to keep our equipment at the forefront of the industry through continuous technological innovation.
- **Customized solutions:** Based on the specific needs of our customers, we are able to develop and provide customized equipment to meet specific research requirements and application scenarios.
- **Cooperative R&D:** We cooperate with leading research institutes and higher education institutions around the world to carry out R&D projects on cutting-edge technologies to ensure that our technologies are always at the forefront of the industry.

High-performance equipment

- **Precision design:** Our equipment adopts advanced design concepts to ensure high precision, reliability and performance to meet the stringent requirements of scientific research and industrial applications.
- **Advanced materials:** We use high-quality materials and components to improve the durability and stability of our equipment, extend its service life and reduce maintenance costs.

Strict quality control

- Standardized production: All equipment is manufactured in accordance with international quality standards, and each production step is strictly controlled to ensure product consistency and reliability.
- Comprehensive testing: Comprehensive performance testing and quality inspection are carried out before the equipment is delivered to ensure that it meets the customer's technical specifications and operational requirements.

Comprehensive technical support

- Technical Service: Provide comprehensive technical support and after-sales service, including equipment installation, commissioning, training and maintenance, to ensure that customers can use our products efficiently.
- Rapid Response: We have established a rapid response mechanism, which can promptly solve the problems encountered by customers in the process of use and reduce equipment downtime.

Innovative technology integration

- System Integration: We integrate advanced control systems and automation technologies into our equipment to improve operational efficiency and data accuracy, and streamline operational processes.

Through these technological advantages, Kintek Solution Ltd is able to continue to provide our customers with innovative, efficient and reliable scientific research equipment and solutions to promote the continuous progress of scientific research and industrial applications.

Market position and customers

Kintek Solution Ltd is positioned in the market as a leading global provider of high-tech research equipment and solutions, specializing in biochemical reactions, new materials research, heat treatment, vacuum manufacturing, refrigeration, as well as pharmaceuticals and oil extraction. We are committed to brand leadership in research equipment by providing innovative technology and high quality equipment to meet the needs of research organizations and industrial companies in complex research and production processes.

Core Market Positioning:

- **Specialization:** We focus on high technology and scientific research, providing advanced equipment and solutions for specialized research institutes, laboratories and industrial applications.
- **High-end customers:** Our main customers include world-renowned universities, research institutes and various industrial enterprises, which usually have high requirements for equipment performance and technology.
- **Technological Innovation:** We are committed to technological innovation and customized solutions to ensure that our customers receive cutting-edge technical support to meet the ever-changing needs and challenges in the market.

Market Customer Groups:

- **Research Institutes and Universities:** including the world's leading research institutes and institutions of higher learning, who require high-performance research equipment and technical support for basic research, applied research and technology development.
- **Industrial companies:** covering a wide range of industries such as pharmaceuticals, oil extraction, new materials manufacturing and electronic materials production, these companies rely on reliable equipment and solutions to ensure product quality and productivity during production.
- **Laboratories and test centers:** organizations that provide laboratory services and quality testing, requiring accurate laboratory equipment and instruments for sample analysis and testing.
- **Technology Development Companies:** Companies that specialize in the development and application of new technologies and have a high demand for innovative equipment and technical solutions to support their R&D projects and technology validation.

Through clear market positioning and customer groups, we are committed to promoting scientific and technological progress, supporting the innovation and development of our global customers, and continuing to provide high-quality products and services to the market.

Team Introduction

The team at Kintek Solution Ltd is at the heart of the company's success. In order to realize our vision and maintain our leadership position in the field of high-tech research equipment, we are committed to building an exceptional team with the following attributes:

1. Professionalism

- **Technical Expertise:** Our team consists of technical experts and engineers in the field with deep expertise and technical backgrounds to meet complex technical challenges and innovation needs.
- **Industry experience:** We bring together professionals with extensive experience in the fields of research equipment, material science and engineering technology to ensure a precise grasp of market needs and technological trends.

2. Innovative Spirit

- **R&D-driven:** The team encourages innovative thinking and technological exploration, supports employees to participate in R&D projects on cutting-edge technologies, and continuously pushes forward the technological advancement of products and solutions.
- **Flexible Adaptation:** In the face of changing market environment, we have the ability to adapt quickly and flexibly to meet the changing needs of our customers.

3. Collaboration and Communication

- **Cross-sectoral collaboration:** The team maintains close collaboration between various departments, including R&D, production, sales and customer service, to ensure the smooth progress of projects and timely response to customer needs.
- **Efficient Communication:** Emphasize internal communication and information sharing, through efficient communication mechanisms and tools to ensure that all team members are consistent with the project goals and progress.

4. Customer Orientation

- **Customer Service:** Team members are customer-focused and committed to providing quality service and support to ensure that our customers have the best experience in using our products and solutions.

- Customized solutions: the ability to deeply understand the specific needs of customers and provide customized solutions to meet the special requirements of different customers.

5. Professional Training and Development

- Continuous Learning: We provide continuous training and learning opportunities for our team members to ensure that they are always up-to-date with the latest technology and industry knowledge.
- Career Development: We value the career development and growth of our employees, provide clear career paths and promotion opportunities, and motivate our employees to realize their personal goals and career aspirations within the company.

6. Corporate Culture

- Integrity and Responsibility: The team upholds integrity and responsibility, treats work and customers with honesty and fairness, and builds trust and long-term cooperative relationships.
- Unity and Collaboration: Focusing on the spirit of teamwork, the team emphasizes mutual support and joint efforts to achieve the company's goals and promote the overall success of the team.

By building such a highly qualified, innovation-driven and customer-oriented team, we ensure that Kintek Solution Ltd continues to lead in the field of scientific research equipment and provide excellent products and services to our customers worldwide.

At KINTEK, technology fuels our corporate spirit. This dynamic energy awaits you upon joining our team. Expect a distinctive cultural environment where our global business focus opens doors to diverse customs and traditions worldwide. Here, challenging roles promise to propel your career to new heights.

Our exceptional corporate culture sparks innovation, fosters care, and drives continuous progress among individuals and teams. Our team embodies youthfulness, positivity, enthusiasm, and a bold attitude toward challenges. Passionate about our business, our employees ardently contribute to the company's growth.

We seek individuals brave enough to embrace challenges, harbor grand ambitions, and thirst for knowledge. If you're driven by dreams and passion, and aspire to start your

entrepreneurial journey, KINTEK is the platform to actualize your career plans. We don't just offer opportunities; we pave the way for your future.

Join us at KINTEK, where innovation meets opportunity. Let's create a future that's as promising as your aspirations.

Future Plans

Kintek Solution Ltd's future plans are aimed at further strengthening our leadership position in the research equipment sector and driving the company forward in terms of technological innovation, market expansion and customer service. The following are our key future directions:

1. Technology Innovation and R&D

- Cutting-edge technology development: Continue to invest resources in the research and development of cutting-edge technologies, such as artificial intelligence, the Internet of Things and nanotechnology, in order to promote equipment intelligence and automation.
- New Product Lines: Expand existing product lines and develop equipment to meet emerging market needs, especially in the areas of biochemistry, biomedicine and high-performance materials.
- Cooperative R&D: Strengthen cooperation with international research institutes and institutions of higher learning to carry out joint R&D projects to ensure that the technology remains at the global leading level.

2. Market Expansion

- Global Market Expansion: Further expand the global market, especially in emerging markets and developing regions, establish more sales and service networks, and enhance the brand's international influence.
- Industry application: Explore and expand the application fields in other industries, such as new energy, environmental protection technology and intelligent manufacturing, to open up new business growth points.

3. Customer Service Enhancement

- Enhancement of customer support: Establish a more complete customer support system, provide 24/7 technical support and maintenance services, and ensure

the efficient experience of customers in the use of equipment.

- Customized services: Provide more customized services and solutions according to customers' individual needs to enhance customer satisfaction and loyalty.

4. Sustainable Development

- Environmentally friendly technology: Develop and adopt environmentally friendly materials and processes to reduce the environmental impact during the production and use of equipment and promote sustainable development.
- Energy saving and consumption reduction: Optimize the energy efficiency of equipment, reduce energy consumption, improve resource utilization efficiency, and support the development of green technology.

5. Internal optimization

- Intelligent management: Implement intelligent management systems and data analysis tools to improve productivity and management and reduce operating costs.
- Employee Training: Enhance employee training and skills upgrading to build a high-quality team to meet changing market demands and technological challenges.

6. Innovation ecosystem

- Establishment of innovation platform: Create innovation platforms and laboratories to support employees and partners in technological innovation and product development.
- Industry Chain Cooperation: Deepen cooperation with the upstream and downstream of the industry chain, integrate resources, and promote the development and implementation of industry technical standards and market norms.

Through these future plans, Kintek Solution Ltd will continue to lead the forefront of science and technology, provide customers with more advanced and reliable products and services, and at the same time, promote the sustainable development of the enterprise and the progress of the industry.



Ptfe Cleaning Rack

Item Number: PTFE-01



Introduction

PTFE cleaning racks are mainly made of tetrafluoroethylene. PTFE, known as the "King of Plastics", is a polymer compound made of tetrafluoroethylene.

[Learn More](#)

Diameter*slot width*applicable capacity

45*1.5mm*100ml

45*2.5mm*100ml

60*1.5mm*250ml

60*2.5mm*250ml

80*1.5mm*500ml

80*2.5mm*500ml

90*1.5mm*1000ml

90*2.5mm*1000ml

Ptfe Acid And Alkali Resistant Scoops/Chemical Powder Material Scoops

Item Number: PTFE-02



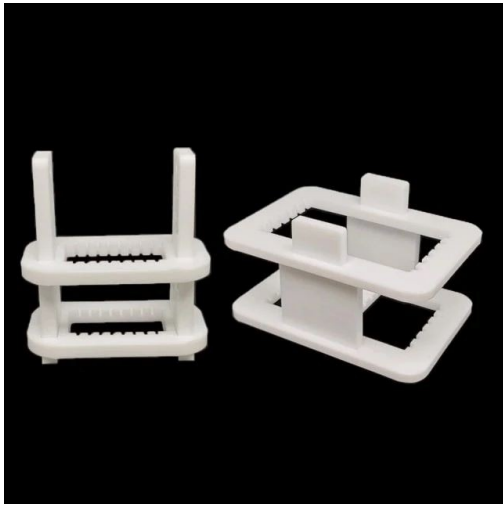
Introduction

Known for its excellent thermal stability, chemical resistance and electrical insulating properties, PTFE is a versatile thermoplastic material.

[Learn More](#)

Ptfe Conductive Glass Substrate Cleaning Rack

Item Number: PTFE-03



Introduction

The PTFE conductive glass substrate cleaning rack is used as the carrier of the square solar cell silicon wafer to ensure efficient and pollution-free handling during the cleaning process.

[Learn More](#)

10×10×1.1mm	20×20×1.1mm	25×25×2.2mm	30×30×2.2mm
15×15×1.1mm	25×25×1.1mm	30×30×1.1mm	

Ptfe Centrifuge Tube Rack

Item Number: PTFE-04



Introduction

The precision-made PTFE test tube racks are completely inert and, due to the high temperature properties of PTFE, these test tube racks can be sterilized (autoclaved) without any problems.

[Learn More](#)

Ptfe Gasket

Item Number: PTFE-05



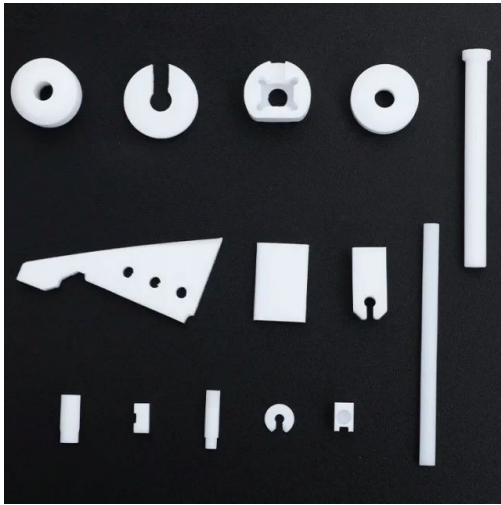
Introduction

Gaskets are materials placed between two flat surfaces to enhance the seal. To prevent fluid leakage, sealing elements are arranged between static sealing surfaces.

[Learn More](#)

Ptfe Insulator Connector Filter High Voltage Ptfe

Item Number: PTFE-06



Introduction

PTFE insulator PTFE has excellent electrical insulation properties in a wide temperature and frequency range.

[Learn More](#)

Ptfe Ball Valve Seat

Item Number: PTFE-07



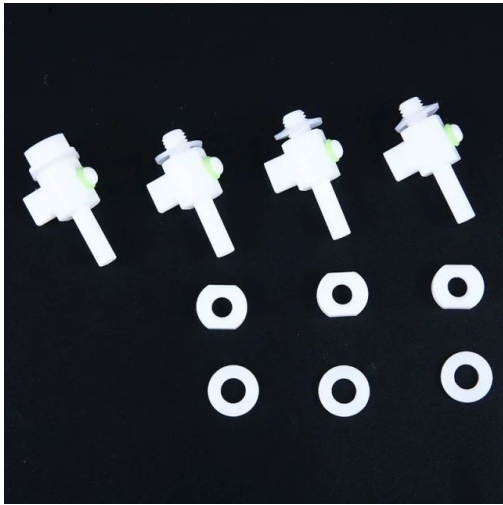
Introduction

Seats and inserts are vital components in the valve industry. As a key component, polytetrafluoroethylene is usually selected as the raw material.

[Learn More](#)

Ptfe Air Valve

Item Number: PTFE-08



Introduction

PTFE small air valve for gas-liquid sampling and sampling bag for sample collection.

[Learn More](#)

Ptfe Bottle Oil Fume Sampling Tube

Item Number: PTFE-09



Introduction

PTFE products are generally called "non-stick coating", which is a synthetic polymer material that replaces all hydrogen atoms in polyethylene with fluorine.

[Learn More](#)

Material characteristics of oil fume filter cartridge

material	High quality 316 stainless steel
diameter	∅18.00±0.05mm
length	L=58.00±0.05mm
sleeve	Polyethylene cylindrical sleeve with cover
sampling medium	soot
Operating temperature	0-100°C
measurement accuracy	±0.02mg/m3

Ptfe Sampling Filter

Item Number: PTFE-10



Introduction

PTFE filter element is a commonly used industrial filter element, mainly used to filter corrosive media such as high-purity chemical substances, strong acids, and strong alkalis.

[Learn More](#)

Ptfe Container

Item Number: PTFE-11



Introduction

PTFE container is a container with excellent corrosion resistance and chemical inertness.

[Learn More](#)

Round blood outer diameter*inner diameter*inner depth	Inner size of square dish*inner depth
70mm*60mm*15mm	60*60mm *15mm
50mm*40mm*15mm	80*80mm*15mm
60mm*50mm*15mm	90*90mm*15mm
80mm*70mm*15mm	100*100mm*15mm
90mm*80mm*15mm	110*110mm*15mm
100mm*90mm*15mm	120*120mm*15mm
110mm*100mm*15mm	
120mm*110mm*15mm	
130mm*120mm*15mm	
160mm*150mm*15mm	200*200*120MM about 5L PTFE cylinder
92*83*19mm	10L PTFE cylinder
102*93*20mm	15L PTFE cylinder

Ptfe Tweezers

Item Number: PTFE-12



Introduction

PTFE tweezers inherit the excellent physical and chemical properties of PTFE, such as high temperature resistance, cold resistance, acid and alkali resistance, and corrosion resistance to most organic solvents.

[Learn More](#)

Laboratory Ito/Fto Conductive Glass Cleaning Flower Basket

Item Number: PTFE-13



Introduction

PTFE cleaning racks are mainly made of tetrafluoroethylene. PTFE, known as the "King of Plastics", is a polymer compound made of tetrafluoroethylene.

[Learn More](#)

Diameter*groove width*groove length*applicable capacity

60mm*1.5mm*16mm*250ml beaker/20 pcs

60mm*2.5mm*16mm*250ml beaker/20 pcs

60mm*1.5mm*21mm*250ml beaker/20 pcs

60mm*2.5mm*21mm*250ml beaker/20 pcs

80mm*1.5mm*26mm*500ml beaker/20 pcs

80mm*2.5mm*26mm*500ml beaker/20 pcs

80mm*1.5mm*31mm*500ml beaker/20 pcs

80mm*2.5mm*31mm*500ml beaker/20 pcs

90mm*2.5mm*41mm*1000ml beaker/22 pcs

Ptfe Adjustable Height Flower Basket/Developing And Etching Conductive Glass Cleaning Rack

Item Number: PTFE-14



Introduction

The flower basket is made of PTFE, which is a chemically inert material. This makes it resistant to most acids and bases, and it can be used in a wide variety of applications.

[Learn More](#)

Outer diameter × slot length × width

45mm*30mm*1.5mm 5 slots

60mm*50mm*1.5mm 6 slots

80mm*65mm*1.5mm 8 slots

Slot width/slot length/number of slots/multi-piece assembly can be customized at will

Ptfe Hollow Etching Flower Basket Ito/Fto Developing Glue Removal

Item Number: PTFE-15



Introduction

[Learn More](#)

Ptfe Beaker/Ptfe Beaker Lids

Item Number: PTFE-16



Introduction

The PTFE beaker is a laboratory container that is resistant to acid, alkali, high and low temperatures and is suitable for temperatures ranging from -200°C to $+250^{\circ}\text{C}$. This beaker has excellent chemical stability and is widely used for heat treatment samples and volume analysis.

[Learn More](#)

Model	inside diameter/mm	height/mm	weight/g
30ml	37	52	25
50ml	44	54	40
100ml	53	54	60
150ml	60	79	89
200ml	70	79	97
250ml	73	88	134
300ml	79	100	167
500ml	95	110	172
1000ml	115	145	364

Ito/Fto Glass Storage Rack/Turnover Rack/Silicon Wafer Storage Rack

Item Number: PTFE-18



Introduction

ITO/FTO glass storage rack/turnover rack/silicon wafer storage rack can be used for the shipment packaging, turnover and storage of silicon wafers, chips, germanium wafers, glass wafers, sapphire wafers, quartz glass and other materials.

[Learn More](#)

Model	4 inches 25 pieces	4 inches 50 pieces	5 inches 25 pieces	5 inches 50 pieces	6 inches 25 pieces	8 inches 25 pieces	12 inches 25 pieces
Outer diameter	122mm	122mm	149mm	149mm	180mm	245mm	350mm
Excluding sponge inner diameter	110mm	110mm	138mm	138mm	*	*	320mm
Sponge inner diameter	104mm	104mm	127mm	127mm	*	*	300mm
height	29mm	56mm	45mm	55mm	43mm	40mm	60mm

Instructions This product is a flat silicon wafer box that can store 25 or 50 pieces of products with a diameter of 100mm, 125mm, 150mm, 200mm, and 300mm. It can be used for the shipment packaging, turnover, and storage of silicon wafers, chips, germanium wafers, glass wafers, sapphire wafers, quartz glass and other materials.

Model	2 inches 25 pieces	3 inches 25 pieces	4 inches 25 pieces	6 inches 25 pieces
External size	160*62*62mm	160*88*88mm	165*145*122mm	180*142*185mm
Capacity	Can be equipped with 25 pieces with a diameter of 50mm	Can be equipped with 25 pieces with a diameter of 76mm	Can be equipped with 25 pieces with a diameter of 100mm	Can be equipped with 25 pieces with a diameter of 150mm
Material	PP	PP	PP	PP
Color	Translucent	Translucent	Translucent	Translucent
weight	155g	240g	400g	600g

Hydrothermal Synthesis Reactor For Polytetrafluoroethylene Carbon Paper And Carbon Cloth Nano-Growth

Item Number: PTFE-19



Introduction

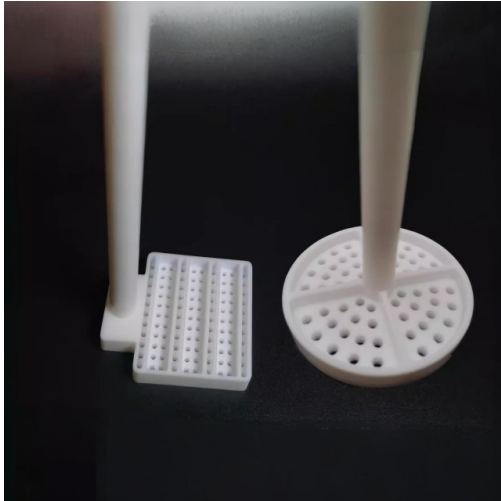
Acid and alkali resistant polytetrafluoroethylene experimental fixtures meet different requirements. The material is made of brand new polytetrafluoroethylene material, which has excellent chemical stability, corrosion resistance, airtightness, high lubricity and non-stickiness, electrical corrosion and good anti-aging ability, and can work for a long time at temperatures from -180°C to +250°C.

[Learn More](#)

Model	diameter
Single Clip	20mm
Single Clip	35mm
Double Clip	20mm
Double Clip	35mm

Ptfe Cleaning Rack/Ptfe Flower Basket Cleaning Flower Basket Corrosion-Resistant

Item Number: PTFE-20



Introduction

The PTFE cleaning rack, also known as the PTFE flower basket cleaning flower basket, is a specialized laboratory tool designed for the efficient cleaning of PTFE materials. This cleaning rack ensures thorough and safe cleaning of PTFE items, maintaining their integrity and performance in laboratory settings.

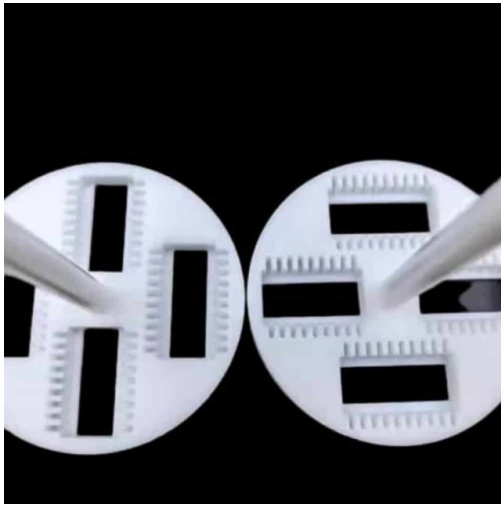
[Learn More](#)

Model	Size	Applicable
Square	60mm*60mm	500ml beaker
Round	Diameter 30mm	75ml beaker
Round	Diameter 45mm	100ml beaker
Round	Diameter 60mm	250ml beaker

We provide custom cleaning flower baskets in all sizes you need

Ptfe Hollow Cleaning Basket/Ptfe Cleaning Rack Carrier

Item Number: PTFE-21



Introduction

The PTFE hollow cleaning flower basket is a specialized laboratory tool designed for efficient and safe cleaning processes. Made from high-quality polytetrafluoroethylene (PTFE), this basket offers exceptional resistance to acids, alkalis, and organic solvents, ensuring durability and reliability in various chemical environments.

[Learn More](#)

Model	size
round	2 inches
round	3 inches
round	4 inches
round	5 inches
round	6 inches
round	8 inches
square	2 inches
square	3 inches
square	4 inches
square	5 inches
square	6 inches
square	8 inches

Model	Diameter	Number of slots	Groove width	Groove length	Overall thickness	Groove depth	Handle length
500ml Beaker Hollow	80mm	24	2.5mm	31mm	8mm	6mm	100mm
500ml Beaker Hollow	80mm	26	2.5mm	26mm	8mm	6mm	100mm
500ml Beaker Hollow	80mm	28	2.5mm	31mm	8mm	6mm	100mm
500ml Beaker Hollow	80mm	30	1.5mm	31mm	8mm	6mm	100mm
500ml Beaker Hollow	80mm	33	1.5mm	26mm	8mm	6mm	100mm
500ml Beaker Hollow	80mm	38	1.5mm	21mm	8mm	6mm	100mm
500ml Beaker Hollow	80mm	40	2.5mm	16mm	8mm	6mm	100mm
500ml Beaker Hollow	80mm	52	1.5mm	16mm	8mm	6mm	100mm
500ml Beaker Hollow	80mm	61	2.5mm	11mm	8mm	6mm	100mm
500ml Beaker Hollow	80mm	78	1.5mm	11mm	8mm	6mm	100mm
250ml Beaker Hollow	We provide customized white, off-white, milky white special-shaped flower baskets, including slot size, number of slots and other indicators can be met.						
100ml Beaker Hollow	We provide customized white, off-white, milky white special-shaped flower baskets, including slot size, number of slots and other indicators can be met.						

Ptfe Sampling Spoon/Solution Spoon/Sample Spoon/Dry Powder Spoon

Item Number: PTFE-22



Introduction

The PTFE sampling spoon, also known as a solution spoon or sample spoon, is a crucial tool for accurately introducing dry powder samples in various analytical processes. Made from PTFE, these spoons offer excellent chemical stability, corrosion resistance, and non-stick properties, making them ideal for handling delicate and reactive substances in laboratory settings.

[Learn More](#)

Model	Square/round head	Capacity	Spoon head length	Spoon head width	Total length	Spoon handle diameter
Short handle PTFE spoon	round	3ml	40mm	22.3mm	97.5mm	*
Short handle PTFE spoon	round	5ml	54mm	31mm	134.2mm	*
Short handle PTFE spoon	round	10ml	70mm	39.7mm	169mm	*
PTFE dry powder spoon	square	3ml	39mm	16mm	197mm	*
PTFE dry powder spoon	square	5ml	50mm	26mm	196mm	*
PTFE dry powder spoon	square	10ml	50mm	27mm	196mm	*
PTFE dry powder spoon	square	15ml	50mm	33mm	197mm	*
PTFE dry powder spoon	round	3ml	38mm	22.6mm	110mm	*
PTFE dry powder spoon	round	5ml	42mm	27mm	195mm	*
PTFE dry powder spoon	round	10ml	50mm	30mm	150mm	*
PTFE dry powder spoon	round	15ml	67mm	67mm	198mm	*
PTFE solution spoon	*	3ml	28mm	23mm	180mm	*
PTFE solution spoon	*	5ml	29mm	25.5mm	180mm	*
PTFE solution spoon	*	10ml	33mm	31mm	235mm	*
PTFE solution spoon	*	30ml	53mm	37mm	300mm	8mm
PTFE solution spoon	*	50ml	59mm	45mm	300mm	12mm
PTFE solution spoon	*	100ml	71mm	54mm	350mm	12mm
PTFE solution spoon	*	250ml	94mm	66mm	400mm	12mm
PTFE solution spoon	*	500ml	127mm	79mm	450mm	12mm
PTFE solution spoon	*	1000ml	150mm	98mm	500mm	14mm

More styles can be customized...

Laboratory High Temperature Ptfе Mixing Paddle Mixer

Item Number: PTFE-23



Introduction

The PTFE mixing paddle mixer is a versatile and robust tool designed for laboratory use, particularly in environments requiring high resistance to chemicals and extreme temperatures. Crafted from high-quality PTFE, this mixer boasts several key features that enhance its functionality and durability.

[Learn More](#)

Model	Length of the rod	Leaf exhibition	Rod diameter
300*40*7	300mm	40mm	7mm
300*60*7	300mm	60mm	7mm
300*80*7	300mm	80mm	7mm
400*60*7	400mm	60mm	7mm
400*80*7	400mm	80mm	7mm
400*100*7	400mm	100mm	7mm
300*40*8	300mm	40mm	8mm
300*60*8	300mm	60mm	8mm
300*80*8	300mm	80mm	8mm
400*60*8	400mm	60mm	8mm
400*80*8	400mm	80mm	8mm
400*100*8	400mm	100mm	8mm
400*140*8	400mm	140mm	8mm
500*100*8	500mm	100mm	8mm
500*140*8	500mm	140mm	8mm
600*100*8	600mm	100mm	8mm
600*140*8	600mm	140mm	8mm

More styles can be customized...

Model	Leaf diameter	Leaf width	Middle hole
40*7	40mm	40mm	7mm
60*7	60mm	60mm	7mm
80*7	80mm	80mm	7mm
100*7	100mm	100mm	7mm
40*8	40mm	40mm	8mm
60*8	60mm	60mm	8mm

80*8	80mm	80mm	8mm
100*8	100mm	100mm	8mm
140*8	140mm	140mm	8mm
More styles can be customized...			

Ptfe Reagent Bottle/Wide -Mouth Bottle/Fine Mouth Bottle/Sample Bottle/High Temperature Ptfe

Item Number: PTFE-24



Introduction

The PTFE Reagent Bottle, also known as PTFE Chemical Bottles or Teflon Reagent Bottle, is a robust alternative to traditional glass reagent bottles. These bottles are highly resistant to both acids and alkalis, featuring a leak-proof screw cap. Ideal for laboratory use, they offer excellent chemical resistance, high temperature capabilities up to 260°C, and superior durability.

[Learn More](#)

Model	Specification	Outer diameter	Height	Inner diameter
PTFE small mouth bottle	25ml	36mm	81mm	21mm
	50ml	49mm	95mm	20mm
	100ml	51mm	98mm	20mm
	150ml	54mm	108mm	20mm
	250ml	70mm	117mm	35mm
	500ml	81mm	147mm	35mm
	1000ml	100mm	188mm	40mm
	2000ml	145mm	217mm	48mm
PTFE wide mouth bottle	50ml	50mm	92mm	35mm
	100ml	52mm	103mm	35mm
	150ml	54mm	106mm	35mm
	250ml	68mm	114mm	40mm
	500ml	81mm	149mm	40mm
	1000ml	100mm	192mm	48mm
	2000ml	144mm	220mm	63mm
	PTFE screw mouth flat bottom reagent bottle	5ml	16mm	55mm
10ml		16mm	108mm	*
20ml		22mm	106mm	*
30ml		25mm	124mm	*
50ml		30mm	125mm	*
100ml		39mm	139mm	*

Ptfe Volumetric Flask/Strong Acid And Alkali Resistant, High Temperature Resistant, Corrosion Resistant

Item Number: PTFE-25



Introduction

The PTFE Volumetric Flask, a robust alternative to glass and PP flasks, excels in measuring both acidic and alkaline liquids. Characterized by its chemical inertness, translucency, and wide volume options, this flask ensures a non-leachable, ultra-clean background. Its non-stick surface simplifies cleaning and maintenance, making it ideal for harsh laboratory conditions.

[Learn More](#)

Model	Upper outer diameter(mm)	Bottle diameter(mm)	Height to bottle mouth(mm)	Height including bottle cap(mm)	Weight(g)
12ml	15.6	37	70.5	84.8	40
50ml	24	48.7	87.7	104.8	74
100ml	24.5	66.1	105.9	124.8	124
250ml	27.8	83.9	143.1	159.1	232
500ml	36.7	115.8	187.1	213.2	567
1000ml	44.6	143.9	257.2	280.5	940

Ptfe Culture Dish/Evaporation Dish/Cell Bacteria Culture Dish/Acid And Alkali Resistant And High Temperature Resistant

Item Number: PTFE-26



Introduction

The Polytetrafluoroethylene (PTFE) culture dish evaporating dish is a versatile laboratory tool known for its chemical resistance and high-temperature stability. PTFE, a fluoropolymer, offers exceptional non-stick properties and durability, making it ideal for various applications in research and industry, including filtration, pyrolysis, and membrane technology.

[Learn More](#)

Model	Bottom outer diameter(mm)	Mouth Inner Diameter(mm)	Total height(mm)	Bottom thickness(mm)	Wall thickness(mm)
Shallow20mm	20	15	10	5	2.5
Shallow30mm	30	25	10	5	2.5
Shallow40mm	40	30	10	5	5
Shallow50mm	50	40	10	5	5
Shallow60mm	60	50	10	5	5
Shallow80mm	80	70	10	5	5
Shallow90mm	90	80	10	5	5
Shallow100mm	100	90	10	5	5
Shallow120mm	120	110	10	5	5
Deep20mm	20	15	20	5	2.5
Deep30mm	30	25	20	5	2.5
Deep40mm	40	30	20	5	5
Deep50mm	50	40	20	5	5
Deep60mm	60	50	20	5	5
Deep80mm	80	70	20	5	5
Deep90mm	90	80	20	5	5
Deep100mm	100	90	20	5	5
Deep120mm	120	110	20	5	5

Model	Outside length(mm)	Inner side length(mm)	Height(mm)	Bottom thickness(mm)	Wall thickness(mm)
Square40mm	40	30	20	5	5
Square50mm	50	40	20	5	5
Square60mm	60	50	20	5	5
Square70mm	70	60	20	5	5

Square80mm	80	70	20	5	5
Square90mm	90	80	20	5	5
Square100mm	100	90	20	5	5
Square110mm	110	100	20	5	5
Square120mm	120	110	20	5	5

Ptfe Stirring Bar/High Temperature Resistant/Olive Type/Cylindrical/Laboratory Rotor/Magnetic Stirrer

Item Number: PTFE-27



Introduction

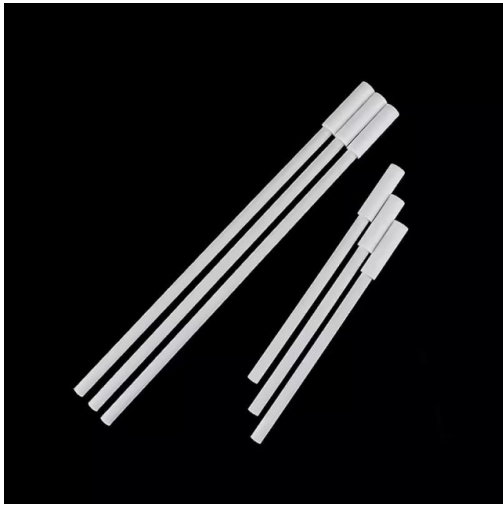
The PTFE stirring bar, made from high-quality polytetrafluoroethylene (PTFE), offers exceptional resistance to acids, alkalis, and organic solvents, coupled with high-temperature stability and low friction. Ideal for laboratory use, these stirring bars are compatible with standard flask ports, ensuring stability and safety during operations.

[Learn More](#)

A(6*10mm)	A(7*15mm)	A(8*20mm)	A(9*25mm)	A(10*30mm)
A(12*35mm)	A(15*40mm)	A(16*50mm)	A(17*60mm)	A(18*70mm)
B(3*6mm)	B(5*10mm)	B(6*15mm)	B(8*20mm)	B(8*25mm)
B(9*28mm)	B(8*30mm)	B(9*35mm)	B(8*40mm)	B(8*45mm)
B(10*50mm)	B(9*56mm)	B(10*60mm)	B(10*70mm)	B(10.5*100mm)
C(3*5mm)	C(3*7mm)	C(3*9mm)	C(5*10mm)	C(6*15mm)
C(6*20mm)	C(9*56mm)	C(7*25mm)	C(7*30mm)	C(8*35mm)
C(8*40mm)	C(8*45mm)	C(8*50mm)	C(10*60mm)	C(10*70mm)
C(10*80mm)	C(10*100mm)	Cross(3*10mm)	Cross(8*15mm)	Cross(9*20mm)
Cross(10*25mm)	Cross(10*30mm)	Cross(10*35mm)	Cross(11*40mm)	Cross(13*50mm)
Triangle(10*10*25mm)	Triangle(13*13*40mm)	Triangle(15*15*50mm)	Eight teeth(5.5*42mm)	Eight teeth(5.2*42mm)
Spherical(12*12mm)	Red(8*25mm)	Yellow(8*25mm)	Blue(8*25mm)	Black(8*25mm)

Ptfe Recyclers/Magnetic Stirring Bar Recyclers

Item Number: PTFE-28



Introduction

This product is used for stirrer recovery, and is resistant to high temperature, corrosion, and strong alkali, and is almost insoluble in all solvents. The product has a stainless steel rod inside and a polytetrafluoroethylene sleeve outside.

[Learn More](#)

150mm	200mm	250mm	300mm
350mm	400mm	500mm	Bendable200mm
Bendable250mm	Bendable300mm	Bendable350mm	Bendable400mm
Thickened350mm (rod 10 mm)	Thickened400mm (rod 10 mm)	Thickened500mm (rod 10 mm)	Toughness300mm
Toughness400mm	Toughness500mm	Toughness600mm	

Ptfe Crucible/With Lid

Item Number: PTFE-29



Introduction

PTFE crucibles, made from pure Teflon, offer chemical inertness and resistance from -196°C to 280°C, ensuring compatibility with a wide range of temperatures and chemicals. These crucibles feature machine-finished surfaces for easy cleaning and prevention of contamination, making them ideal for precise laboratory applications.

[Learn More](#)

Model	Cup outer diameter(mm)	Inner diameter of cup mouth(mm)	Bottom outer diameter(mm)	Height(mm)	Height cover(mm)	Wall thickness(mm)
20ml	37	33	29	39	52	2
30ml	48	44	31	45	61	2
50ml	58	54	38	42	58	2
100ml	62	58	43	59	80	2
250ml	78	72	50	88	105	2

Model	Cover outer diameter(mm)	Cover inner ring outer diameter(mm)	The widest diameter of the handle(mm)	Cover thickness(mm)
Applicable to 20ml crucible	42	31	12	2
Applicable to 30ml crucible	53	41	11	3
Applicable to 50ml crucible	64	47	11	3
Applicable to 100ml crucible	68	54	11	3.5
Applicable to 250ml ordinary crucible	93	70	11	3.5
Applicable to 250ml thick crucible	92	73	11	4

Model	Cup outer diameter(mm)	Inner diameter of cup mouth(mm)	Bottom outer diameter(mm)	Height(mm)	Height cover(mm)	Wall thickness(mm)
30ml	49	43	32	46	61	3~4
50ml	58	52	38	42	59	3~4
100ml	61	55	42	58	79	3
250ml	82	74	45	77	96	4~5

Ptfe Buchner Funnel/Ptfe Triangular Funnel

Item Number: PTFE-30



Introduction

The PTFE funnel is a piece of laboratory equipment used primarily for filtration processes, particularly in the separation of solid and liquid phases in a mixture. This setup allows for efficient and rapid filtration, making it indispensable in various chemical and biological applications.

[Learn More](#)

Model	Total height(mm)	Tube Inner Diameter(mm)	Outer diameter(mm)
52mm	95	7.2	52
80mm	120	8.2	79
105mm	148	11.5	101
160mm	185	12.5	144

Model	Total height(mm)	Outer diameter(mm)	Tube outer diameter(mm)
50mm	123	50	14.4
60mm	127	60	14.4
70mm	*	70	*
90mm	145	90	14.4
100mm	137	100	14.4
110mm	143	110	16.5
120mm	*	120	*

Ptfe Triangular Bottle/Triangular Bottle With Lid/Conical Flask

Item Number: PTFE-31



Introduction

The PTFE Triangle Bottle, also known as a Teflon reagent bottle, is a robust, chemical-resistant alternative to traditional glass bottles, suitable for handling both acids and alkalis. These bottles are unbreakable, lightweight, and feature a leak-proof screw cap, making them ideal for laboratory use.

[Learn More](#)

Model	Height including lid(mm)	Bottle bottom diameter(mm)	Inner diameter(mm)
25ml	88	40	27
50ml	100	50	27
100ml	105	59	27
250ml	150	74	37
500ml	174	105	37
1000ml	220	136	37

Ptfe Centrifuge Tube/Laboratory Pointed Bottom/Round Bottom/Flat Bottom

Item Number: PTFE-32



Introduction

PTFE centrifugal tubes are highly valued for their exceptional chemical resistance, thermal stability, and non-stick properties, making them indispensable in various high-demand sectors. These tubes are particularly useful in environments where exposure to corrosive substances, high temperatures, or stringent cleanliness requirements are prevalent.

[Learn More](#)

	Model	Outer diameter(mm)	Total height(mm)	Wall thickness(mm)
screw mouth round bottom	5ml	16	65	2
	10ml	16	125	2
	15ml	20	100	2.5
	20ml	20	125	2.5
	25ml	25	105	2.5
	30ml	25	125	2.5
	40ml	28	105	2
	45ml	28	120	2
	50ml	33	115	2.5
	100ml	35	150	3.5
	100ml	36	145	3
	screw mouth flat bottom	5ml	16	55
10ml		16	108	*
20ml		22	106	*
30ml		25	124	*
50ml		30	125	*
100ml		39	139	*

Ptfe Mortar/Acid And Alkali Resistant/Corrosion Resistant

Item Number: PTFE-33



Introduction

Polytetrafluoroethylene (PTFE) is renowned for its exceptional chemical resistance, thermal stability, and low friction properties, making it a versatile material in various industries. The PTFE mortar, specifically, finds applications where these properties are crucial.

[Learn More](#)

Ptfe Sieve/Ptfe Mesh Sieve/Special For Experiment

Item Number: PTFE-34



Introduction

PTFE sieve is a specialized test sieve designed for particle analysis in various industries, featuring a non-metallic mesh woven from PTFE (polytetrafluoroethylene) filament. This synthetic mesh is ideal for applications where metal contamination is a concern. PTFE sieves are crucial for maintaining the integrity of samples in sensitive environments, ensuring accurate and reliable results in particle size distribution analysis.

[Learn More](#)

Model	Diameter/cm	Aperture/mm
PTFE Sieve	20	0.15
	20	1
	20	3
	20	5
	20	9.5
	20	10
	20	22.4
PTFE cover	20	5
PTFE Tray	20	5

Ptfe Measuring Cylinder/High Temperature Resistant/Corrosion Resistant/Acid And Alkali Resistant

Item Number: PTFE-35



Introduction

PTFE cylinders are a rugged alternative to traditional glass cylinders. They are chemically inert over a wide temperature range (up to 260°C), have excellent corrosion resistance and maintain a low coefficient of friction, ensuring ease of use and cleaning.

[Learn More](#)

Model	Total Height(mm)	Pipe Diameter(mm)	Weight(g)
5ml	83	15	/
10ml	108	17	42
20ml	108	24	64
50ml	118	34	128
100ml	138	40	158
250ml	147	60	374
500ml	160	79	460
1000ml	180	100	699
2000ml	/	/	□

Ptfe Flask/Ptfe Three-Necked Flask/Ptfe Round Bottom Flask

Item Number: PTFE-36



Introduction

PTFE flask, is a versatile laboratory container made from polytetrafluoroethylene (PTFE), offering exceptional chemical resistance, temperature stability, and non-stick properties. Ideal for handling corrosive substances and high-temperature applications, these flasks are essential in various laboratory procedures, including heating, mixing, and storage of chemicals.

[Learn More](#)

Ptfe Digestion Tank/Microwave Digestion Tank/Reactor

Item Number: PTFE-37



Introduction

PTFE digestion tanks are renowned for their exceptional chemical resistance, high-temperature stability, and non-stick properties. These tanks are ideal for harsh laboratory environments. Their low coefficient of friction and inert nature prevent chemical interactions, ensuring purity in experimental results.

[Learn More](#)

Model	Diameter(mm)	Height(mm)
30ml	49.5	109
50ml	55	114
100ml	65	124
200ml	74.5	143



Kintek Solution

Head Quarter: No.89 Science Avenue, High-Tech Zone,
Zhengzhou, China

