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JIANGYIN HONGMENG RUBBER PLASTIC PRODUCT CO., LTD

PRODUCT CATALOGUE

JIANGYIN HONGMENG RUBBER PLASTIC PRODUCT CO., LTD

ADD: No.166, Hetun Road, Ligang Street, Jiangyin City, Wuxi City, Jiangsu Province, China

Tel: 86-0510-80283953 Fax: 86-0510-68832387

Email: hmsale@jiangyinhongmeng.com

Become the preferred supplier and service provider in the field of medical consumables

CORPORATE CULTURE

CORPORATE VISION

—
The vision is to become the preferred supplier and service provider in the field of medical consumables.

ENTERPRISE MISSION

—
The mission is to make contributions to human health while pursuing the material and spiritual happiness of all staff.

CORE VALUES

—
The values is customer first, craftsman spirit, introspection and altruism.

BUSINESS PHILOSOPHY

—
Based on regulations, we pursue technological innovation, excellent quality, and customer satisfaction.

COMPANY PROFILE

Jiangyin Hongmeng Rubber Plastic Product Co., Ltd(HONMENG)was established in 2004, Professional R&D and production of high-precision and high-quality medical consumables suppliers.

HONMENG currently has five subsidiaries, namely Jiangyin Carhon Medical Device Technology Co., Ltd., Jiangyin Yonghong Rubber and Plastic Co., Ltd. ,Jiangyin MEDIC-HOME Co., Ltd. ,and Shenzhen Hongyue Medical Co., Ltd. In order to deepen strategic cooperation with WEGO, Shandong Wehong Medical Technology Co., Ltd. was established in August 2023.

HONMENG has three major production bases, using modern production workshops and equipment, and strictly following GMP requirements for production management. Our products have been exported to over 30 countries, including the United States, Germany, the United Kingdom, Japan, South Korea, Russia, Brazil, India, Argentina, etc.

The company is a new technology enterprise in Jiangsu Province, a technology state-owned enterprise in Jiangsu Province, a provincial-level enterprise technology center in Jiangsu Province, and a model enterprise for the integration of industrialization and industrialization in Jiangyin City. We have successively passed CE, FDA, ISO9001:2015 quality anagement system certification, and ISO13485:2016 medical device quality management system certification.

HONMENG is gradually promoting the internationalization of Inamori Philosophy Enterprise, introducing consulting companies, learning from Huawei's business management style, constructing a talent management system, and creating a core competitive platform for Hongmeng Group.



ENTERPRISE DEVELOPMENT



2023



Strategic partners

In 2023, HONMENG and WEGO deepened their strategic cooperation and established Shandong Weihong Medical Technology Co., Ltd.

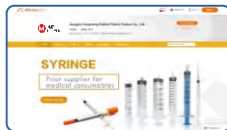
2022



Promote global layout

In 2022, Shenzhen Hongyue Medical Co., Ltd. was established. Continuously deepen local cooperation in the South China market, continuously improve the precise layout of the South China market, further expand the global market, and promote global layout.

2017



Establish a B2B cross-border platform

In January 2017, the B2B platform MedicHome was established, which focused on the global cross-border trade and procurement of medical consumables, pharmaceutical packaging, raw pharmaceutical materials, etc.

2014



Market repositioning

In 2014, 200 million RMB was invested to set up Jiangyin Carhon Medical Device Technology Co., Ltd., Market positioning as a supplier of high-end medical rubber and plastic parts.

2010



Entering the field of pharmaceutical packaging materials

In 2010, it acquired Jiangyin Yonghong Rubber & Plastic Company, and its product range expanded to pharmaceuticals. Enter the field of pharmaceutical packaging materials with rubber stoppers.

2008



Factory Expansion - Product Diversification

In 2008, Jiangyin Hongmeng Rubber Plastic Product Co., Ltd expanded its factory, and diversified its product categories, producing rubber products such as injection parts and rubber stoppers for blood vessels.

2004



HONMENG was established

In 2004, Jiangyin Hongmeng Rubber Plastic Product Co., Ltd was established. Its major product was the rubber cover for blood collection needle.

AUTHORITATIVE QUALIFICATIONS



National Invention Patent

3

Utility model patent

31



The above data statistics are as of May 2024

Business License



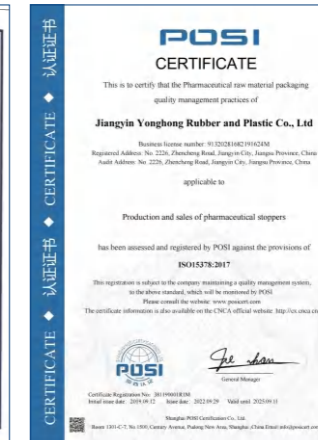
ISO13485 system certification certificate



Certification of Environmental Management System



ISO15378 system certification certificate



ISO9001 system certification certificate



CUSTOMER PARTNER



IVD (in vitro diagnostic products)



Medical devices



Biopharmaceuticals



Customized products

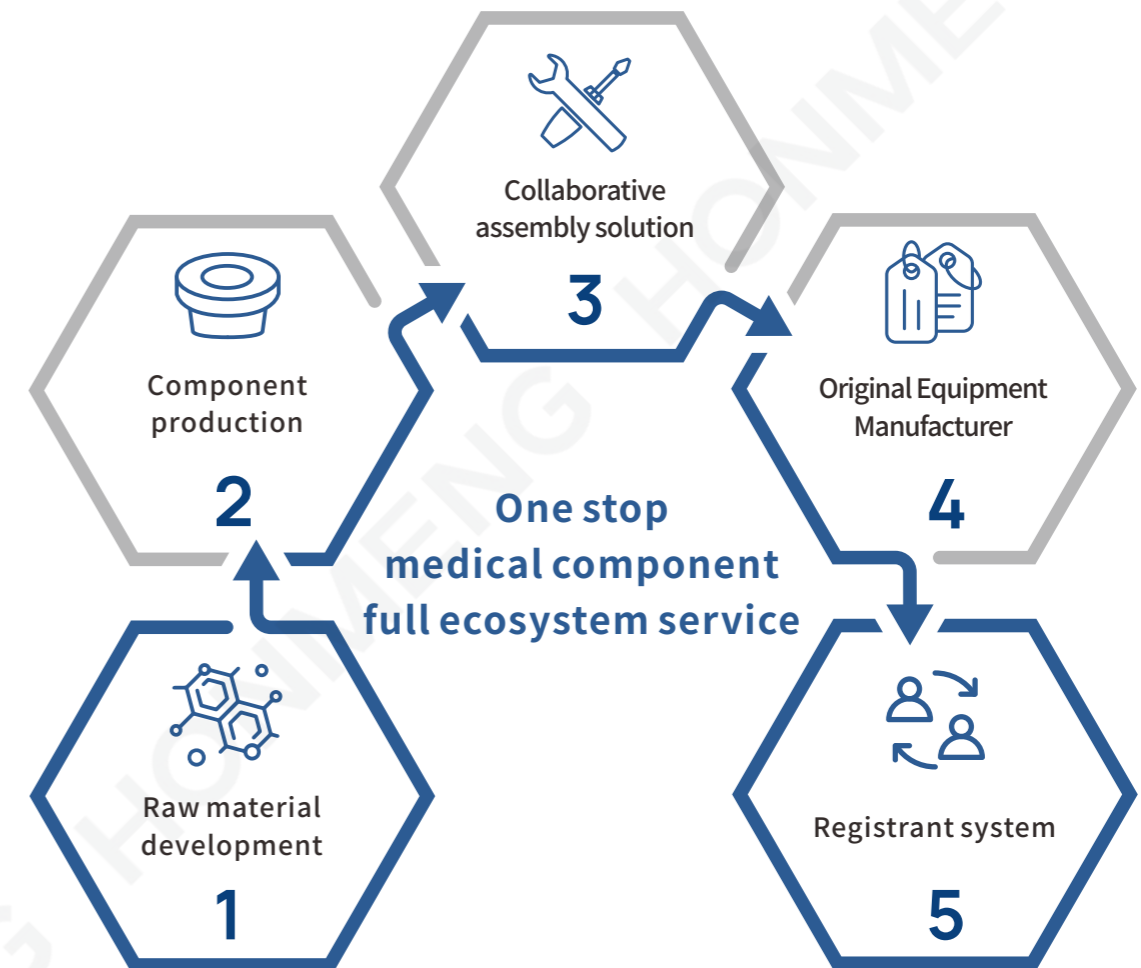


CORE BUSINESS



Five major business sectors

Focusing on the research and production of high-precision and high-quality medical rubber parts, silicone customized parts, and pharmaceutical packaging rubber stoppers, we are committed to the development of modified plastics and silicone raw materials, collaborative assembly solutions, and provide professional OEM&CDMO services for the global medical device industry. We create an integrated service platform for research and development and production, accelerate the empowerment of global partners to achieve the entire process from preclinical to commercial production, make research and development more efficient, and benefit human health earlier, achieving the goal of "pursuing material and spiritual happiness for all employees while contributing to human health".



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Clear/Amber Moulded Glass Vial for Antibiotics TYPE I,II,III
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PIPELINE SERIES

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TESTING ACCESSORIES



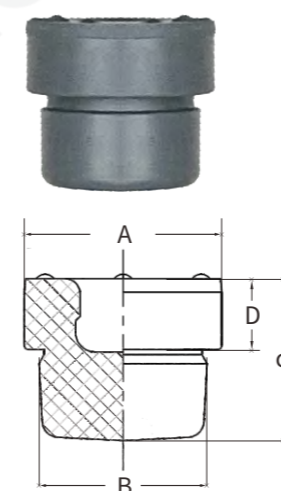
Disposable Butyl Rubber Stopper For Blood Collection Tube

Performance advantages

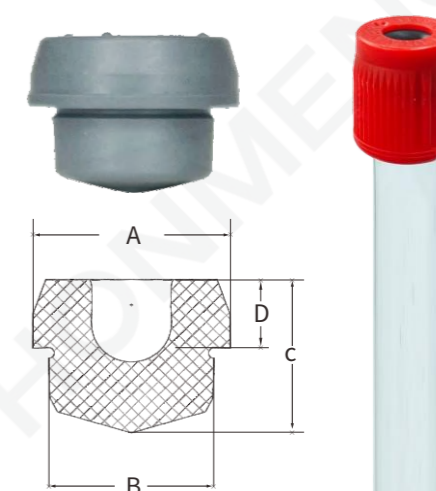
- Wear resistant
- Low puncture fragmentation
- Radiation resistance

A=Head Diameter(mm)
B=Plug Diameter(mm)
C=Total Height(mm)
D=Head Height(mm)

• open type



• close type



• ESR



• PRP



• Mini Micro Capillary



• bilayer



Disposable Needle Cover
For Blood Collection

Performance advantages

- Resistant to more than 15 punctures
- Rebound rate reaches 85%
- Puncture 15 times without chips



High elasticity recovery

Disposable Needle Cover For Blood Collection					
Part No.	Total Length (mm)	Top Thickness (mm)	Part No.	Total Length (mm)	Top Thickness (mm)
K06-180(K18)	21.8±0.3	1.7±0.2	K06-21X(K21-X)	21.9±0.3	1.8±0.2
K06-180YK(YK18)	21.8±0.3	1.7±0.2	K06-220(K22)	21.9±0.3	1.75±0.15
K06-20S(K20-S)	20.7±0.3	1.2±0.2	K06-24A(F24-A)	23.9±0.3	1.9±0.2
K06-210(P21)	21.9±0.3	1.8±0.2	K06-24F(K24-F)	23.9±0.3	1.9±0.2
K06-21F(K21-F)	21.9±0.3	1.8±0.2	K06-24YF(YK24-F)	23.9±0.3	1.9±0.2
K06-21YF(K06-21YF)	21.9±0.3	1.8±0.2	The above table shows only some of the specifications		

INFUSION SET ACCESSORIES



Straight Injection Tubes



Straight Injection Tubes				Material: Silicone Rubber			
Part No.	Inner Diameter (mm)	Outer Diameter (mm)	Total Length (mm)	Part No.	Inner Diameter (mm)	Outer Diameter (mm)	Total Length (mm)
K11-340T(T3*4)	2.9±0.05	5.35±0.05	40±1	K11-0044(4*6*40)	4±0.05	6±0.05	40±1
K11-0023T(T3*4.5)	2.9±0.05	5.35±0.05	45±1	K11-0072(5*7*50)	5±0.05	7±0.05	50±1
K11-0024T(T3*4.8)	2.9±0.05	5.35±0.05	48±1	K11-0034(9*13*50)	9±0.05	13±0.05	50±1
K11-350T(T3*5)	2.9±0.05	5.35±0.05	50±1	The above table shows only some of the specifications			

Injection bulb

Injection bulb					
Part No.	Material	Hanging Edge Diameter (mm)	Tube ID (mm)	Tube OD (mm)	Total Length (mm)
K01-110T(T11)	Natural Rubber	/	2.8±0.05	5.5±0.05	46.0±2
K01-110Y(Y11)	Synthetic Rubber				
K01-110TF(T11-F)	Natural Rubber	11.4±0.1	2.8±0.05	5.5±0.05	46.0±2
K01-110YF(Y11-F)	Synthetic Rubber				
K01-110TR(T11-R)	Natural Rubber	11.4±0.1	2.9±0.05	6.0±0.05	45.2±2
K01-125T(T12.5)	Natural Rubber	12.5±0.1	2.8±0.05	5.5±0.05	46.0±2
K01-125Y(Y12.5)	Synthetic Rubber				
K01-100T(T10)	Natural Rubber	/	2.9±0.05	5.5±0.05	44.6±2
K01-100TF(T10-F)	Natural Rubber	11.4±0.1	2.8±0.05	5.5±0.05	46.0±2



Cap-shaped Injection Tubes



Cap-shaped Injection Tubes			
Part No.	Inner Diameter (mm)	Outer Diameter (mm)	Total Length (mm)
K07-120	3.0±0.05	5.5±0.1	12.2±0.2
K04-900	/	9.05±0.05	8.8±0.2

Floating Valve



Floating Valve					
Part No.	Material	Inner Ring Diameter (mm)	Outer Ring Diameter (mm)	Outer Ring Thickness (mm)	Center Thickness (mm)
K03-270T(T27)	Silicone Rubber	/	27.0±0.1	2.8±0.2	0.8±0.2
K03-270Y(Y27)	Isoprene Rubber				
K03-290T(T29)	Silicone Rubber	22.2±0.1	29.8±0.1	2.8±0.2	0.8±0.2
K03-290Y(Y29)	Isoprene Rubber				

Check Valve



Check Valve			
Part No.	Total Length (mm)	Front Diameter (mm)	End Diameter (mm)
K10-002(7.3)	24.8	7.3	6.8
Ring Diameter (mm)	Luer End Aperture (mm)	Total Length of Valve (mm)	Outer Diameter of Valve (mm)
9	4.25	11.7	4.9

Filter Screen



Filter Screen			
Part No.	Outside Diameter (mm)	Inner Diameter (mm)	Total Height (mm)
#13.2	13.2 ^{+0.05} ₋₀	φ10.8φ10.2	3.9±0.05
#13.5	13.5 ^{+0.05} ₋₀	φ11.1φ10.5	3.6±0.05
#14.2	14.2 ^{+0.05} ₋₀	φ12φ11	3.6±0.05
#12.8	12.9~12.6	φ10.75φ9.9	3.75

Stopper for Urinary Catheter



Stopper for Urinary Catheter		
Part No.	Head Diameter (mm)	Head Height (mm)
K03-901(T9*16)	9.45±0.05	3.0±0.1
Spiral Length (mm)	Bottom Diameter (mm)	Total Length (mm)
15.25±0.1	5.4±0.05	19.15±0.1

Gasket for Micro-flow Regulating Valve

K04-204(24*1.8)

Nitrile rubber

Inner Diameter (mm):
12.7±0.05

Thickness (mm):
1.8±0.02



K04-206(24*2.0)

Nitrile rubber

Inner Diameter (mm):
11.22±0.05

Thickness (mm):
2.4±0.02



Micro-flow Regulating Valve



Micro-flow Regulating Valve					
Part No.	Total Height (mm)	Socket Diameter (mm)	Knob Diameter (mm)	Drip Aperture (mm)	Outer diameter of drip tube (mm)
K10-001	36.9	27.6	25.1	1	3.2
WT-31	37.3	31.0	31.0	1	3.15

SYRINGE ACCESSORIES



Disposable Plunger for Syringes



Disposable Plunger for Syringes				
Part No.	Top Diameter (mm)	Inner Diameter (mm)	Total Height (mm)	Punching Diameter (mm)
K05-000(0.5ML-SC)	4.3±0.05	1.5±0.05	5.5~5.8	4.1±0.05
K05-005(0.5ML-SZ)	3.85±0.05	1.4±0.05	5.3±0.05	3.75±0.05
K05-102(1ML-SZ)	5.1±0.03	2.05±0.05	5.45±0.05	5.2±0.05
K05-103(1ML-TC)	5.0±0.05	1.8±0.05	5.8±0.15	5.0±0.1
K05-104(WG-1ML)	5.15±0.1	1.7±0.1	14.4	/
K05-109(1ML-HD)	5.15	1.9	14.4	/
K05-605(1ML-KDL)	5.1±0.15	1.9	16	/
K05-300(3ML)	9.5±0.1	6.6±0.3	6.8±0.2	/
K05-500(5ML)	12.35(12.38)±0.1	9.6±0.4	9.55±0.2	/
K05-112(10ML-DL)	15.0±0.1	/	10.0±0.15	/
K05-502(50SS)	28.3±0.15	19.2±0.2	11.0±0.3	MAX28.3
K05-003(0.3ML-SC)	3.35 ⁺⁰ _{-0.03}	1.3±0.05	5.3±0.05	2.85±0.05
K05-301(0.3ML-SZ)	3.23±0.05	1.29±0.05	5.24±0.15	3.03±0.05
K05-101(1ML-SC)	5.0 ^{+0.02} _{-0.05}	1.85±0.05	5.9±0.15	4.8 ^{+0.02} _{-0.05}
K05-210(20ML)	20.2±0.1	12.2±0.1	9.3±0.3	20.2±0.1
K05-501(50LL)	27.85±0.15	17.7±0.2	12.9±0.25	MAX27.85

The above table shows only some of the specifications

Plunger for High-Pressure Angiographic Syringes



- K05-506(150ML)**
A (mm) 40.8±0.2
B (mm) 30.1±0.15
C (mm) 15.25±0.3
- K05-507(500ML)**
A (mm) 67.1~67.5
B (mm) 49.3±0.15
C (mm) 22.67±0.3
- K05-606(K05-606)**
A (mm) 48.1±0.2
B (mm) 34.9±0.2
C (mm) 25.0±0.5
- K05-608(60S)**
A (mm) 27.45~27.9
B (mm) 17.0±0.1
C (mm) 14.4~15.0

Plunger for High-Pressure Angiographic Syringes			
Part No.	A=Diameter(mm)	B=Inner Diameter(mm)	C=Height(mm)
K05-612	47.8±0.2	34.1±0.15	18.8±0.3
K05-508	47.9~48.5	36.0±0.1	24.05~24.75

Sealing Ring for Syringe



K08-104(1001)
60ml

Low-resistance plunger



K08-164
7ml

Arterial Blood Sampling



plunger

Sealing element

VEIN DETAINED NEEDLE ACCESSORIES



Rubber Stopper For Vein Detained Needle



Rubber Stopper For Vein Detained Needle							
Part No.	Material	Diameter (mm)	Height (mm)	Part No.	Material	Diameter (mm)	Height (mm)
K04-603(φ6.5*4.2)	Isoprene Rubber	6.5±0.05	4.2±0.2	K04-816(φ8.0*3.4)	Isoprene Rubber	8.0±0.05	3.4±0.2
K04-703(φ7.0*4.85)	Isoprene Rubber	7.0±0.05	4.85±0.2	K04-801(φ8.1*3.4)	Natural Rubber	8.1±0.05	3.4±0.2
K04-702(φ7.5*4.2)	Natural Rubber	7.5±0.05	4.2±0.2	K04-804(φ8.1*3.4)	Isoprene Rubber	8.1±0.05	3.4±0.2
K04-705(φ7.5*4.2)	Isoprene Rubber	7.5±0.05	4.2±0.2	K08-130(φ7.0*4.85)	Silicone Rubber	7	4.85
K04-707(φ7.5*6.6)	Isoprene Rubber	7.5±0.05	6.6±0.2	K08-142(φ8.0*4.4)	Silicone Rubber	8	4.4

The above table shows only some of the specifications

Isolation Stopper For Vein Detained Needle



Isolation Stopper For Vein Detained Needle			
Part No.	Material	Diameter (mm)	Height (mm)
K07-101	Isoprene Rubber	4.2	7.8

The above table shows only some of the specifications

Dosing Tube For Vein Detained Needle

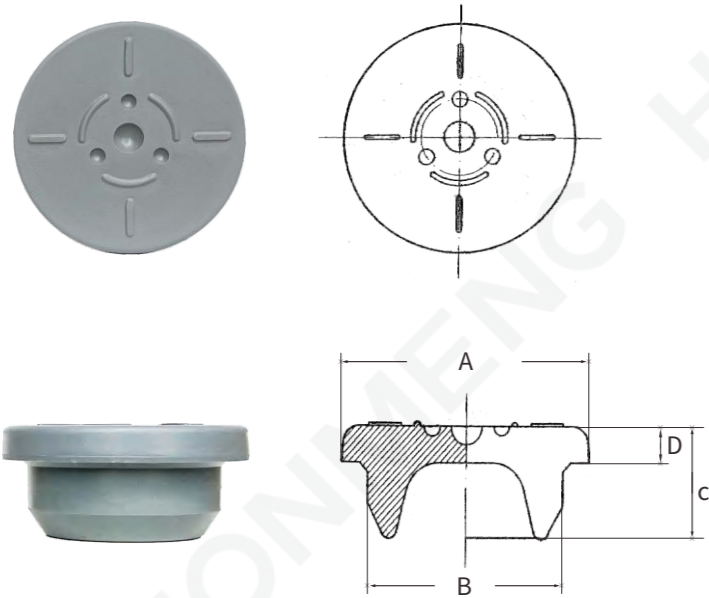


Dosing Tube For Vein Detained Needle			
Part No.	Inner Diameter (mm)	Outer Diameter (mm)	Length(mm)
K11-0074	2.2	3.8	17
K11-0035	2.5	3.9	8.5
K11-920	2.96	3.7	8.5

PHARMACEUTICAL PACKAGING



Halogenated Butyl Rubber Stopper for Injection



A=Head Diameter(mm)
B=Plug Diameter(mm)
C=Total Height(mm)
D=Head Height(mm)

Halogenated Butyl Rubber Stopper for Injection				
Part No.	Head Diameter (mm)	Plug Diameter (mm)	Total Height (mm)	Head Thickness (mm)
20-R	18.8±0.2	13.2±0.1	8.25±0.3	3.35±0.2
20-V	18.8±0.2	13.2±0.1	7.0±0.3	3.3±0.2
24-B	23.9±0.3	13.9±0.2	10.2±0.4	3.8±0.25
26-B	25.5±0.3	15.5±0.2	10.0±0.4	3.8±0.25
28-B3	26.9±0.3	18.0±0.2	11.8±0.4	3.8±0.25
28-C	26.6±0.2	18.4±0.2	13.±0.4	3.8±0.25
28-D1 (A)	26.9±0.2	21.0±0.1	11.75±0.2	3.8±0.2
28-W	23.0±0.2	20.6±0.2	12.3±0.2	2.8±0.2
32-A	30.8±0.3	23.6±0.2	12.2±0.4	4.0±0.25
32-A1	30.8±0.3	24.2±0.2	16.0±0.4	5.0±0.25
34-A	32.6±0.3	26.5±0.2	14.5±0.3	4.3±0.25

The above table shows only some of the specifications

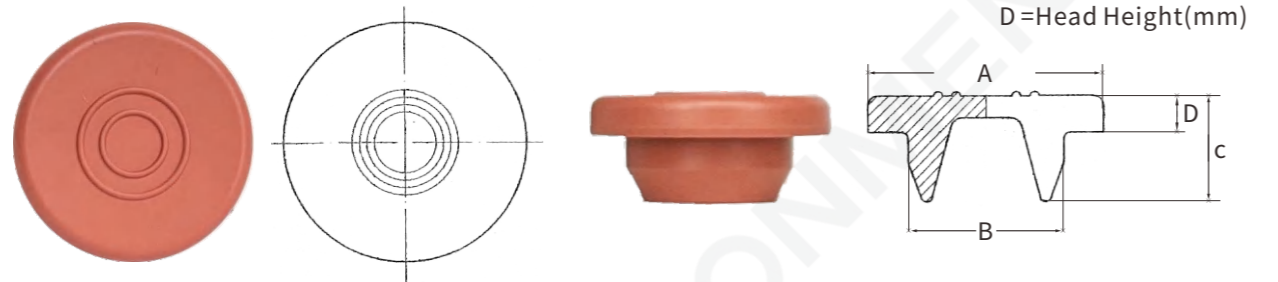
Halogenated Butyl Rubber Stopper for Lyophilization

A=Head Diameter(mm)
B=Plug Diameter(mm)
C=Total Height(mm)
D=Head Height(mm)



Halogenated Butyl Rubber Stopper for Lyophilization				
Part No.	Head Diameter (mm)	Plug Diameter (mm)	Total Height (mm)	Head Thickness (mm)
11-HD	10.9-11.2	8.2-8.5	14.7±0.2	2.5±0.2
13-D1-1	12.5±0.2	7.5±0.1	10.0±0.2	2.0±0.2
13-D1-2	12.5±0.2	7.5±0.1	12.0±0.3	2.0±0.2
13-D2-1	12.4±0.2	7.5±0.1	10.2±0.2	2.0±0.2
13-D3	12.5±0.2	10.3±0.1	12.8±0.2	2.2±0.2
13-D4-1/13-D4	12.5±0.2	9.2±0.1	10.7±0.2	2.5±0.2
13-D4-2	13.7±0.1	10.4±0.1	10.8±0.1	2.7±0.2
13-D2-4	14.3±0.1	10.7±0.1	15.15±0.2	2.35±0.2
13-D2-B	13.7±0.2	10.45±0.1	11.0±0.2	2.0±0.2
15-D4	15.7±0.2	12.0±0.1	13.0±0.3	2.5±0.2
15-D4-2	15.5±0.2	12.1±0.1	13.0±0.3	2.5±0.2
17-D4	15.6±0.2	12.0±0.1	13.3±0.3	2.6±0.2
20-D1	18.8±0.2	13.2±0.1	13.8±0.3	3.3±0.2
20-D2	18.8±0.2	13.2±0.1	7.0±0.3	3.3±0.2
20-D2-2	18.8±0.2	13.2±0.1	13.8±0.3	3.3±0.2
20-D2-R	18.8±0.2	13.2±0.1	13.8±0.3	3.3±0.2
20-D2+	19.5±0.2	13.2±0.1	13.8±0.3	3.0±0.2
20-D2-A	18.8±0.2	13.2±0.1	13.8±0.3	<3.3mm
20-L	18.8±0.2	13.0±0.1	16.1±0.2	3.1±0.2
20-D3	18.8±0.2	13.2±0.1	13.8±0.3	3.3±0.2
20-D3-B	20.0±0.2	16.0±0.15	15.5±0.3	3.5±0.25
20-D3-2	20.2±0.2	15.9±0.15	11.4±0.25	2.9±0.25
20-D4	18.8±0.2	13.4±0.1	14.6±0.3	3.3±0.2
20-D5	18.7±0.1	16.1±0.1	16.5±0.2	3.0±0.1
20-L	18.8±0.2	13.6±0.1	16.2±0.2	3.3±0.25

Halogenated Butyl Rubber Stopper for Injection Sterile Powder



A=Head Diameter(mm)
B=Plug Diameter(mm)
C=Total Height(mm)
D=Head Height(mm)

Halogenated Butyl Rubber Stopper for Injection Sterile Powder				
Part No.	Head Diameter (mm)	Plug Diameter (mm)	Total Height (mm)	Head Thickness (mm)
13-E	12.5±0.2	7.6±0.1	7.5±0.3	2.2±0.2
13-E+	12.5±0.2	7.6±0.1	7.2±0.25	2.0±0.2
13-R	12.5±0.2	7.5±0.1	6.25±0.2	2.15±0.2
15-A	14.6±0.1	10.25±0.1	5.45±0.2	2.0±0.2
20-A	18.8±0.2	13.2±0.1	8.8±0.3	3.3±0.2
20-A1	17.9±0.2	13.3±0.1	10.2±0.3	2.1±0.2
20-B1	18.8±0.2	13.2±0.2	8.8±0.3	3.3±0.2
20-B2 (B2+)	19.5±0.2	13.0±0.1	8.7±0.3	3.0±0.2
20-B3	19.4±0.1	13.1±0.1	9.8±0.1	2.9±0.1

The above table shows only some of the specifications

Halogenated Butyl Rubber Stopper for oral liquid



Halogenated Butyl Rubber Stopper for contact lenses




Part No.	Head Diameter (mm)	Plug Diameter (mm)
20-Y	19.1±0.2	13.1±0.1
	Total Height (mm)	Head Thickness (mm)
	6.2±0.2	2.9~3.3

Medicinal coated rubber stopper


To isolate the direct contact between the rubber material of the rubber stopper and the drug raw materials, the rubber stopper laminating technology should be applied;At present, membrane materials that can be applied to rubber plugs include Teflon (PTFE), PDMS, Poly (p-xylene) film, ETFE membrane, Polyester film, etc. Compatibility issues with drug raw materials can be resolved based on the condition of the drug.

Complete size specifications to meet customer customization needs.

Synthetic Polyisoprene Liners for Pharmaceutical Use



K03-200P
Head Diameter(mm): 20.9±0.2
Head Thickness(mm): 5.5±0.2



K03-250P
Head Diameter(mm): 24.5±0.2
Head Thickness(mm): 7.0±0.2

Synthetic Polyisoprene Liners for Pharmaceutical Use		
Part No.	Head Diameter(mm)	Head Thickness(mm)
K03-150P(15P)	15.6±0.2	4.4±0.2
K03-260P(-26P)	26.5±0.1Length 11.5±0.1Width	2.95±0.15
K03-300P(30P)	29.85±0.15	4.8±0.2

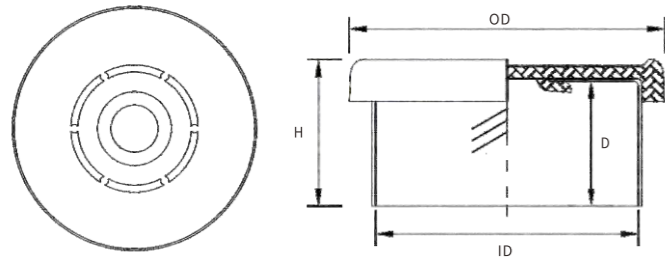
Prefilled Syringe Accessories



Cartridge bottle Accessories



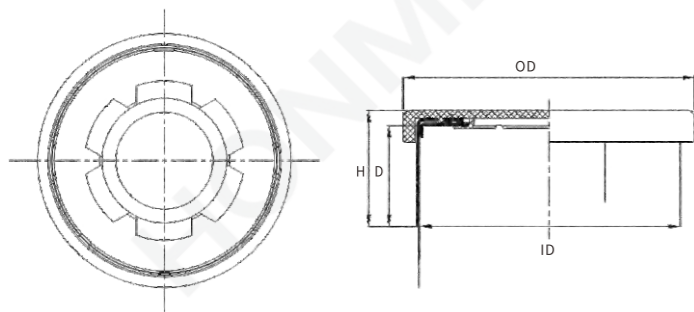
Flip-off Cap



OD =Plastic cover diameter(mm)
 ID =Aluminum cover diameter(mm)
 D =Aluminum cover height(mm)
 H =Total height(mm)

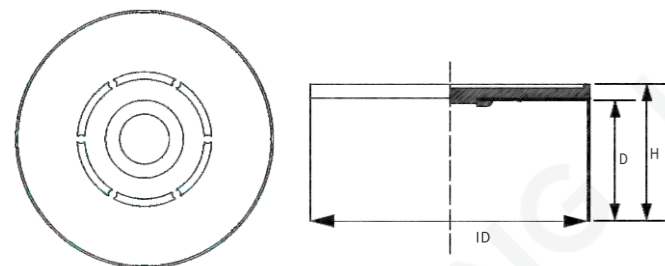
Smooth surface

frosted surface

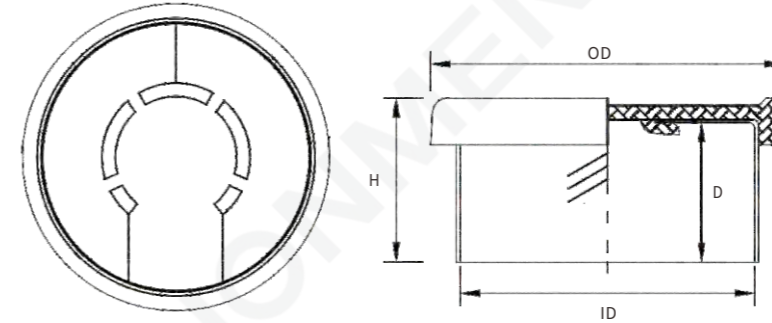


Smooth surface

frosted surface



Tear-off Cap



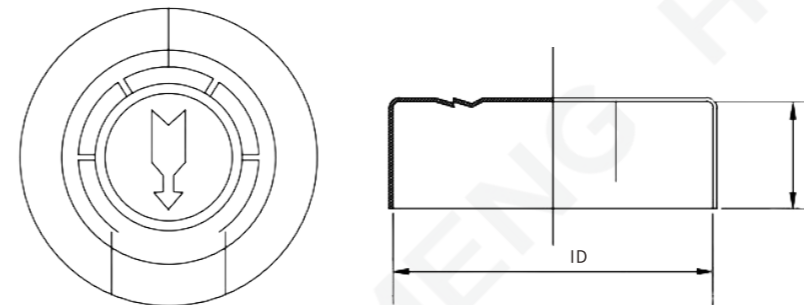
OD=Plastic cover diameter(mm)
 ID =Aluminum cover diameter(mm)
 D =Aluminum cover height(mm)
 H =Total height(mm)



Partial conventional data reference

Size	OD	ID	H	D
13ml	15±0.2mm	13.3±0.1mm	7.5±0.1mm	6.2±0.1mm
20ml	22.1±0.1mm	20.2±0.1mm	8.9±0.1mm	7.5±0.1mm
26ml	29±0.2mm	25.9±0.1mm	10.6±0.1mm	9.6±0.1mm
28ml	31±0.2mm	27.9±0.1mm	10.6±0.1mm	9.6±0.1mm
32ml	35.4±0.2mm	32.2±0.1mm	13.8±0.1mm	12.4±0.1mm

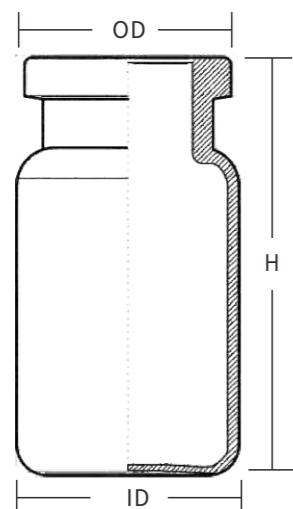
Flip CAP



Partial conventional data reference

Size	ID	D	Size	ID	D
8mm	7.5±0.1mm	4.65±0.1mm	26mm	26.5±0.1mm	8.9±0.1mm
11mm	11.4±0.1mm	5.1±0.1mm	28mm	27.9±0.1mm	9.6±0.1mm
13mm	13.3±0.1mm	6.2±0.1mm	30mm	29.4±0.1mm	9.5±0.1mm
15mm	15.3±0.1mm	6.5±0.1mm	32mm	32.2±0.1mm	12.4±0.1mm
20mm	20.2±0.1mm	7.5±0.1mm			

Clear/Amber Moulded Glass Vial for Antibiotics TYPE I,II,III



Clear/Amber Moulded Glass Vial for Antibiotics TYPE I,II,III				
Size	ID	OD	H	WEIGHT(g)
7 ml	22.1	20.0	40.8	13.0
8ml	23.0	20.0	46.8	16.0
10 ml	25.3	20.0	K09-284(28-C)	21.0
15 ml	26.5	20.0	58.8	24.0
20ml	32.0	20.0	58.0	29.0
30ml	36.0	20.0	62.8	35.0
50ml	42.5	20.0	73.0	50.0
100ml	51.6	20.0	94.5	89.0

(±0.2mm)
The above table shows only some of the specifications

Clear/Amber Tubular Glass Vial for Injections TYPE I,II,III



16 pipe diameter conventional size				
Size	ID	OD	H	WEIGHT(g)
2ml	16mm	13mm	35mm	4.6
3ml	16mm	13mm	35mm	4.87
4ml	16mm	13mm	40mm	5.51
5ml	16mm	13mm	50mm	6.55

22 pipe diameter conventional size				
Size	Diameter	Neck finish	Height	WEIGHT(g)
3ml	22mm	20mm	30mm	6.8
4ml	22mm	20mm	33mm	7.2
5 ml	22mm	20mm	35mm	7.5
7ml	22mm	20mm	40mm	8.3
8 ml	22mm	20mm	45	9.4
10 ml	22mm	20mm	50mm	10.2
20ml	22mm	20mm	80mm	15.5
25ml	22mm	20mm	80mm	15.5

Other pipe diameter conventional size				
Size	ID	OD	H	WEIGHT(g)
10ml	24mm	20mm	45mm	10.3
12ml	24mm	20mm	53mm	11.6
15ml	26.5mm	19.6mm	52mm	13.4
20ml	28mm	19.6mm	55mm	15
25ml	28mm	19.6mm	65mm	16.5
30ml	30mm	20mm	75mm	21.5

(±0.2mm)
The above table shows only some of the specifications

PIPELINE SERIES



Silicone Tube for Peristaltic Pump

Pharmaceutical grade platinum sulfide silicone tubing is developed for transporting high-purity liquids and sensitive biological agents in various biopharmaceutical and biotechnology productions. Featuring unparalleled inner surface smoothness, it is used to inhibit protein binding and bacterial growth for easy disinfection and sterilization. In addition, a smooth inner surface improves fluid flow performance by reducing the unevenness of the inner surface.

CHARACTERISTICS:

- Peristaltic pump hoses are important components in many biopharmaceutical production processes. The non sticky outer surface greatly increases the service life of the pump, allowing you to flexibly decide the length of the production cycle in your process and minimizing the risk of pump tube failure.

FEATURES/ADVANTAGES:

- High flexibility and low bending radius
- Minimum leaching and precipitation properties
- Tear resistance
- Can be sterilized and sterilized under high temperature and high pressure
- Odorless and tasteless
- Extremely wide temperature range for use
- Compliant with ISO10993, USP Class VI standards, and BPOG dissolution and precipitation certification
- Peristaltic pumps have a long service life
- Production in a clean room environment

CHARACTERISTIC PHYSICAL PROPERTIES:

nature	ASTMmethod	Value or level
Hardness, Shore A hardness tester, 15S	D2240	50
Tensile strength, psi (MPa)	D412	1150 (8)
Fracture elongation,%	D412	450
proportion	D792	1.15
tear strength	D624	150
transparency	-	translucent

DISINFECTION AND STERILIZATION METHODS:

- High temperature and high pressure steam disinfection, 60 minutes at 134 °C
- Gas - Cyclochloroethane
- Radiation - up to 5 Mrad

Silicone Tube for Peristaltic Pump									
Specification	ID/mm	OD/mm	Wall Thickness	ID*OD/inch	Specification	ID/mm	OD/mm	Wall Thickness	ID*OD/inch
14#	1.6	4.8	1.6	1/16*3/16	35#	7.9	12.7	2.4	5/16*1/2
15#	4.8	9.6	2.4	3/16*3/8	36#	9.6	14.4	2.4	3/8*9/16
16#	3.2	6.4	1.6	1/8*1/4	73#	9.6	15.8	3.1	3/8*5/8
17#	6.4	9.6	1.6	1/4*3/8	82#	12.7	19	3.1	1/2*3/4
18#	7.9	11.1	1.6	5/16*7/16	90#	19	31.6	6.3	1*13/8
24#	6.4	11.2	2.4	1/4*7/16	92#	25.4	35	4.8	3/4*11/4
25#	4.8	8	1.6	3/16*5/16	Inner diameter size range 0.4-50mm Special specifications meet customization needs				

Silicone Tube for Analgesic Pump

FEATURES/ADVANTAGES:

- Shape: Spindle body, uniform expansion, minimal residue
- Capsule pressure: Fill 150ml of gas and stabilize the cyst pressure at 40 ± 2kpa

Silicone Tube for Nutrition Pump				
The above table shows only some of the specifications				
Part No.	Specification(mm)	Inner Diameter(mm)	Outer Diameter(mm)	Tolerance(mm)
K11-0013	100ml	8.8	11.5	±0.08
K11-0021	150ml	9.2	11.8	±0.08
K11-0022	200ml	11	14	±0.08

Silicone Tube for Nutrition Pump

FEATURES/ADVANTAGES:

- Hardness: 50-60A; Flow accuracy: 5% -10%;Tear off permanent deformation ≤ 5%; Tensile elongation at break ≥ 650%
- Platinum vulcanization process, hygienic and pure

It is used in conjunction with enteral nutrition catheters such as nasal feeding tube, gastric tube and so on or connected with nutrition pump to deliver nutrients to patients' intestines and stomach. It has high-precision tolerance control, excellent consistency between product batches, and also supports customized dimensions.

Silicone Tube for Nutrition Pump				The above table shows only some of the specifications			
Part No.	Inner Diameter (mm)	Outer Diameter (mm)	Length(mm)	Part No.	Inner Diameter (mm)	Outer Diameter (mm)	Length(mm)
K11-0007	3	5	130	K11-0016	3.4	5.45	220
K11-0008	3	5	210	K11-0045	3	5	118
K11-0015	3.4	5.4	110	K11-0095	3	5	110

Silicone Tube for oxygenator

Silicone Tube for oxygenator						The above table shows only some of the specifications					
Shore hardness						specifications					
67±3	φ10*φ16	φ10*φ15	φ9*φ15	φ8*φ15	φ7*φ15	65±3	φ8*φ14	φ8*φ13	φ7*φ13	φ7*φ12	
62±3	φ3*φ8	φ2.8*φ8	φ2.6*φ8	φ4.5*φ10		57±3	φ6*φ11	φ3.5*φ8	φ5*φ9		
55±3	φ5*φ8	φ4.5*φ8	φ4.5*φ8	φ6*φ9							

Cross drainage tube



Cross drainage tube



- Nusit short-term and long-term implanted raw materials
- It is produced in the 10,000 class clean workshop with special PICC production equipment.
- Product accuracy ±0.03mm
- Low loss of raw material
- Infrared heating forming
- One stop service: tube body, plug and printing
- ISO13485 medical system certification
- Specifications: 3Fr, 4Fr, 5Fr, 6Fr, 7Fr, 8Fr, 9Fr

Rubber Sleeve for Urinary Catheter



Rubber Sleeve for Urinary Catheter			
Part No.	Inner Diameter (mm)	Outer Diameter (mm)	Total Length (mm)
K11-005(7*5)	4.6±0.1	7.3±0.1	16.5±0.5

CUSTOMIZED SILICONE ACCESSORIES



Forming process

- Liquid silicone: liquid injection (Silicone rubber coating technology)
- Solid silicone: solid-state molding, solid-state injection, solid-state extrusion

Silicone grade

- Food grade silicone, medical grade silicone (in vitro, implanted), industrial grade silicone

Rubber brand

- DOW CORNING, Nusil, ShinEtsu, Elken, WACKER, Wynca



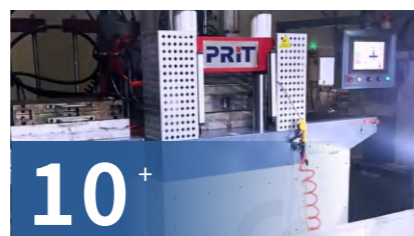
Configuration



Liquid injection vulcanization molding machine



Horizontal liquid injection vulcanization molding machine



Solid state compression vulcanization molding machine

Representative products in various fields

Experimental verification

Silicone Gasket for Test Tube



Infusion

Valve for Needleless Pressure Connector



Injection

Low-resistance plunger



Assisted Reproduction

Silicone Pessary



hemodialysis

O-Ring for Hemodialysis



Assisted correction

Silicone Ear Cover



Undertake various customized accessories

RAW MATERIALS



- (1)The material is clean, hygienic, stable, safe, environmentally friendly and non-toxic, no phthalic plasticizers, with good biocompatibility;
- (2)Excellent resilience and suitable strength, soft tactility, adjustable hardness and color;
- (3)Easy to process, suitable for conventional injection molding and extrusion processes.

Abundant application cases in the medical field, such as infusion pipeline and chamber, rubber dropper, syringe gasket and needle sheath, atomizer sealing cap, injection coating Process.

Typical applications

Typical Application: TPE infusion pipeline and chamber

Main Technical Parameters:



Model	M016T001						
Density	Hardness		melting flow rate		100% constant elongation strength		
0.9	g/cm ³	78	Shore A	3	g/10min	2	Mpa
300% constant elongation strength		Tensile strength at break		elongation at break		tear strength	
3	Mpa	9	Mpa	800	%	40	KN/m

Model	M016T002						
Density	Hardness		melting flow rate		100% constant elongation strength		
0.97	g/cm ³	92	Shore A	6	g/10min	3	Mpa
300% constant elongation strength		Tensile strength at break		elongation at break		tear strength	
4	Mpa	10	Mpa	700	%	50	KN/m

Typical Application: TPE Pipet Pump

Main Technical Parameters:



Model	M013N001						
Density	Hardness		melting flow rate		100% constant elongation strength		
0.99	g/cm ³	55	Shore A	8.67	g/10min	1.3	Mpa
300% constant elongation strength		Tensile strength at break		elongation at break		tear strength	
2.4	Mpa	6.4	Mpa	800	%	30	KN/m

Typical Application: TPE Syringe gasket and needle sheath

Main Technical Parameters:



Model	M013B002						
Density	Hardness		melting flow rate		100% constant elongation strength		
1.08	g/cm ³	73	Shore A	1	g/10min	2	Mpa
300% constant elongation strength		Tensile strength at break		elongation at break		tear strength	
3	Mpa	9	Mpa	780	%	35	KN/m



Model	M013B003						
Density	Hardness		melting flow rate		100% constant elongation strength		
0.89	g/cm ³	65	Shore A	16	g/10min	2	Mpa
300% constant elongation strength		Tensile strength at break		elongation at break		tear strength	
4	Mpa	15	Mpa	680	%	40	KN/m

Typical Application: TPE atomizer sealing cap

Main Technical Parameters:



Model	M015N006						
Density	Hardness		melting flow rate		100% constant elongation strength		
1.03 g/cm ³	60 Shore A	9.3 g/10min	1.9	Mpa			
300% constant elongation strength	Tensile strength at break		elongation at break		tear strength		
3.3 Mpa	9.1 Mpa	713 %	40	KN/m			

Typical Application: TPE Injection Coating

Main Technical Parameters:



Model	M013N001						
Density	Hardness		melting flow rate		100% constant elongation strength		
0.98 g/cm ³	60 Shore A	15 g/10min	2	Mpa			
300% constant elongation strength	Tensile strength at break		elongation at break		tear strength		
2.8 Mpa	8.8 Mpa	800 %	38	KN/m			

ABS for Blood Sampler shell Introduction

- (1)excellent mechanical properties, good strength and toughness performance;
- (2)Color adjustable, good fluidity, easy to process;
- (3)Safety, environmental protection, non-toxic, with good chemical resistance and biocompatibility.

This type ABS material especially suitable for the production of blood sampler shell

Typical Application: ABS for Blood Sampler shell

Main Technical Parameters:



Model	M113N001						
Density	HRC		Melt Index		Tensile strength		
1.04 g/cm ³	110 /	19 g/10min	48	Mpa			
elongation at break	bending strength	bending modulus	Cantilever notched impact				
10 %	79 Mpa	2560 Mpa	25	kJ/m2			

Introduction of PET For high-pressure contrast Barrel

- (1)The material has excellent demolding ability, is easy to inject and process, and improves production efficiency;
- (2)Solve the problem of whitening of the gate and demonstrate excellent transparency;
- (3)The product is pure, has no effect on the drug, and meets the biocompatibility certification.

This PET material is particularly suitable for making high-pressure imaging cylinders

Typical Application: ABS for Blood Sampler shell

Main Technical Parameters:



Model	M113N001						
Density	tensile strength		elongation at break				
1.3 g/cm ³	53 /	370 g/10min					
bending strength	bending modulus	Cantilever notched impact					
81 Mpa	2230 Mpa	/	kJ/m2				

ASSEMBLY PARTS



Intelligent focuses on the field of medical consumables automation

Medical consumables generally contain many components, which are mainly used by companies for automated assembly, achieving industrial production intelligence and greatly improving safety production efficiency. The assembly process involved mainly includes partial assembly, final assembly, inspection, packaging, etc., making it a complete consumable finished product or semi-finished product.



Plastic+silicone, Plastic+Plastic, silicone+silicone

Gut nutrition tube drip bottle assembly



Disposable nutrition infusion bottle cap



Cervical dilation balloon catheter



Micro-flow Regulating Valve



Pre filled syringe cap



Disposable Sterile Injection Needle



Blood pressure monitoring finger cots



Needleless Negative Pressure Connector



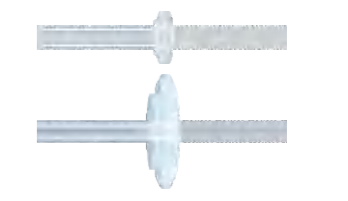
Disposable heparin cap



Medical Three-channel Rotary Valve



Silicone pipe fittings for pumps



**OEM
Original Equipment Manufacturer**



Our strengths

01

TECHNICAL RESEARCH AND DEVELOPMENT

- 1. Adopting high-quality raw materials and providing material modification solutions;
- 2. Equipped with a professional R&D team to meet customer needs for product development;
- 3. Design and development of medical injection molds.

02

PRODUCTION CAPACITY

- 1. Automated production equipment support, experienced process technology and production operation team;
- 2. Three major production bases with an average daily output value of one million yuan;
- 3. The product has a high qualification rate.

03

QUALITY MONITORING

- 1. Strictly follow GMP requirements for production management;
- 2. 100000 level purification workshop;
- 3. CE, FDA, ISO9001:2015 Quality Management System Certification and ISO13485:2016 Medical Device Quality Management System Certification;
- 4. Full process quality inspection, layer by layer control;
- 5. Third party authoritative certification report.

04

ONE STOP SERVICE

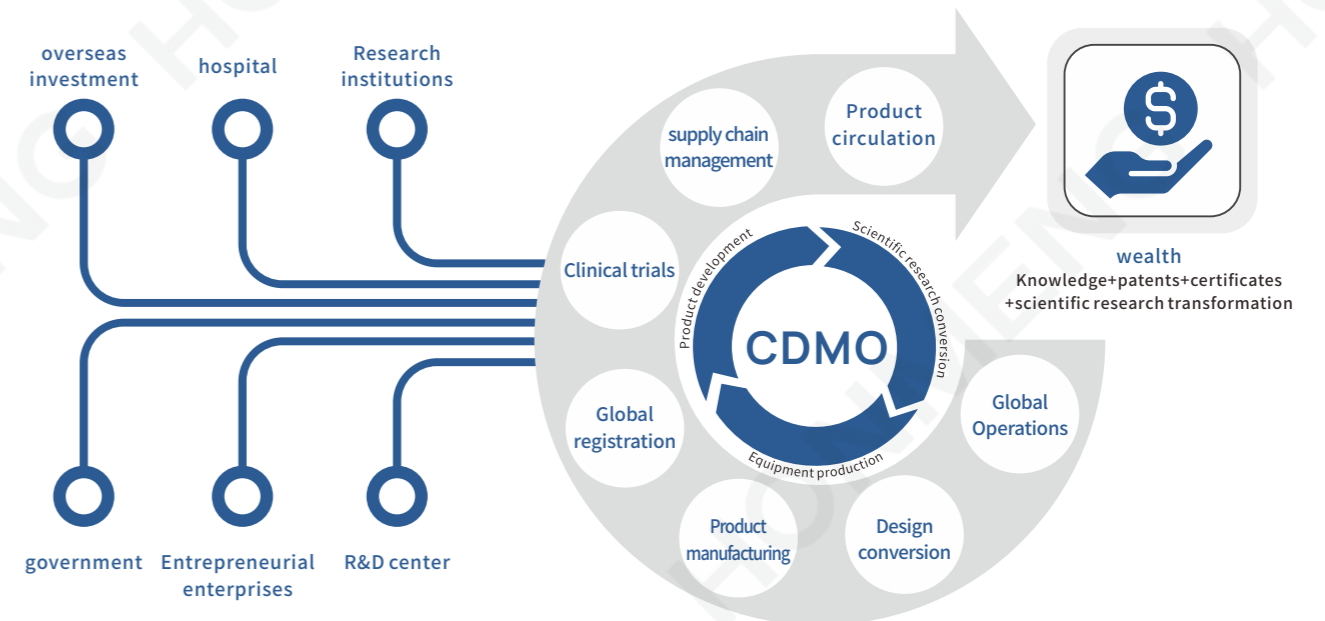
- 1. Provide product research and development, sampling, and production to meet customer needs;
- 2. Efficient and professional OEM processing and customization of medical device accessories and assembly parts;
- 3. Cross border e-commerce service platform;
- 4. An efficient pre-sales and after-sales service team.

**CDMO
REGISTRANT SYSTEM**



Establish a new CDMO R&D and production outsourcing model

Establish an innovative model from patent incubation, research and development design, inspection and registration, commissioned production, and channel sales. Deeply integrating the entire industry chain from research, experimentation to product production, providing innovative solutions for enterprises. Process research and development and production services, replacing pure production capacity output with high value-added technology output.



Our strengths

STRONG CORPORATE STRENGTH

- Having four major production bases
- Over 2000 square meters laboratory
- 300+ professional equipment
- Tailored without any worries

01

ONE STOP SERVICE

- 1-on-1 professional guidance service
- Free access to professional materials
- Answer questions 24 hours a day
- Provide a complete solution

04

GREEN CHANNEL

- Establish cooperation with the supervisory unit
- Resolve tens of thousands of registration difficulties
- 500+ cooperative customer cases
- 50+ professional team certification fast

02

PRICE TRANSPARENCY

- Quick response to daily quotations
- Transparent cost can accommodate the conversion of 80 projects at the same time
- Collaborative production and customer development

03