

Guangzhou Renfu Medical Equipment Co., Ltd.
Add: Unit 1,No.2 ZhiYe Road,Dalong Street Panyu District,Guangzhou. China
Tel: +86-20-38391508 / 38391509 Fax: +86-20-38391505

E-mail: renfu@renfumed.com Postcode: 51450
Web: www.renfumed.com



THE PHILOSOPHIES OF OUR COMPANY



We act highly quality orientated, so as to continuously offer products and services that meet the demands of customers and the market, as well as create a harmonious market environment.

Ouality Strategy

The driving force of Renfu Medical is quality, Quality management is the most effective means to achieve sustainable development, aiming to control and improve the quality of the products, marketing services and our management. This helps to increase our share and raise our status in the global market. In our opinion, quality is a unity consists of product quality, service quality and market harmory.

The certification of FDA

In 2011, Renfu Medical was registered in FDA.





OUALITY PRINCIPLES

Quality supreme; Human-oriented; Honest management; Striving for excellence

- $\bullet \ \ \hbox{``Quality supreme'' reflects our pursuit of meeting the demands of the market and the customers, as well as$
- developing continuously.
- "Human-oriented" embodies our modern scientific management principle as respecting, educating and developing people.
- "Honest management" represents our commitments of market reputation, customer credit and quality reputation during operation.
- "Striving for excellence" demonstrates our belief and behavior criterion of continuously improving product quality, market service and management level.
- Renfu Medical is a professional manufacturer of low temperature thermoplastic materials, which is capable
 of continuous technical development and large-scale production.







1 The Philosophies of Our Company

THE FEATURES OF THERMOPLASTIC FIXATION MASKS

THE FEATURES OF THERMOPLASTIC FIXATION MASKS



softened in about one minute, as being heated in hot water of 65/149°F. The completely softened material becomes transparent. Complete softening facilitates the modeling and fixing of the material, and it makes the patients more comfortable in the



Thickness



Memorizing

Thermoplastic fixation masks have memorial feature. They can be used and modeled repeatedly. As needs to be remodeled and refixed, the stretched and transformed material can be put into hot water of 65/149 F to be softened again. In the process of softening, the heat activates and releases the frozen internal stress, so the material retracts and returns to its original shape. This reuse process is the most outstanding property of this material.









* Note: Remodeling refers to the repeated modeling and fixing (twice or more) for one patient. If a used thermoplasts

Comfort

with different retractive rates. The retractive rate of memorizing materials used for head is set at 88-Experiments have proved that the retractive force of these two materials caused by stretching in thermomolding is small, so patients feel comfortable and the material models and fixes well.





We produce thermoplastic fixation masks in four kinds of thicknesses including 1.6, 2.0, 2.4, 3.0mm, in order to meet the different demands of the customers. The 2.4mm-thick material and the 3.0mm-thick one are commonly used



reduced. In the course of production, we pay more attention to the modeling and fixing effect of the thermoplastic fixation masks for head, so as to maintain the uniformity of mesh-stretching in modeling and make it fix better.

THE FEATURES OF THERMOPLASTIC FIXATION MASKS

THE FEATURES OF THERMOPLASTIC FIXATION MASKS



the material can be shaped by pressing

position of nose gently with fingers for

3-5 seconds.

Color Borders

We have borders or frames in different colors such as blue and pink, etc. which can be equipped on the thermoplastic sheets with the hope that these colors can facilitate the treatment by affecting the natients' mood.



Masks with Smooth and Strengthened Edges

We pay attention to the details of product structure in our product design. The edges of the mask with smooth and strengthened edges are designed roundly, so as to prevent them from hurting the skin of the patient and can obtain a firm fixation.



Environmental-friendly Materials

environmental-friendly substances. They degrade in soil through biological decomposition.

Thermoplastic materials are made from During the molding operation on head,

DEFINITION SYSTEM OF THE PRODUCT NAME, RENFU MEDICAL

DEFINITION SYSTEM OF THE PRODUCT NAME, RENFU MEDICAL

The definition system of the product name is made according to the position of the patient's body where will be immobilized, the share and size of the mask the amount of the frame and border are equipped with the sheet. the structure features of the product and fixation style of the mask which is fixed on the base plate.

Six types of thermoplastic fixation masks which are designed according to patient's position.

- 1. Thermoplastic fixation masks which can be used to immobilize patient's head
- · U-Shaped Head Mask: U-shaped frame is equipped with thermonlastic sheet Triangular Head Mask: three L-shaped borders are
- equipped with triangular thermoplastic sheet
- . Small S-Shaped Head Mask: S-shaped frame is equipped with thermoplastic sheet





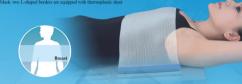
- ◆ 2. Thermoplastic fixation masks which can be used to immobilize patient's neck and shoulders
 - · Neck-Shoulders Mask: four L-shaped borders are equipped with thermoplastic sheet

- 3. Thermoplastic fixation masks which can be used to immobilize patient's head, neck and shoulders
- · Head-Neck-Shoulders Mask: five L-shaped borders are equipped with thermoplastic sheet
- . Large S-Shaped Head-Neck-Shoulders Mask: S-shaped frame is equipped with thermoplastic sheet



4. Thermoplastic fixation masks which can be used to immobilize patient's breast 🔻

. Breast Mask: two L-shaped borders are equipped with thermoplastic sheet





- ◀ 5. Thermoplastic fixation masks which can be used to immobilize patient's trunk
 - · Chest-Pelvis Mask: four L-shaped borders are equipped with thermoplastic sheet
 - Trunk Mask: two right-angular borders are equipped with thermoplastic sheet

- 6. Thermoplastic fixation masks which can be used to immobilize patient's pelvis >
- · Pelvis Mask: six L-shaped borders are equipped with pants-shaped thermoplastic sheet



DESCRIPTIONS OF PRODUCT SERIES



1. Common Series of Products

U-Shaped Head Mask the result of shaping is perfect,

As one of the most commonly-used masks in the radiotherapy of head, Ushaped Head Mask, can be fixed on a base plate by means of clamping. It models and fixes conveniently, and the result of shaping is perfect, so it is one of the first choices of therapists. As the mask is greatly stretched in the mocess of modific, the material

tends to become thinner, and the fixing effect will be affected to some extent. Materials with a small aperture and a small percentage of perforation are generally used.



COMMON SERIES OF PRODUCTS

No.	Product Name	Mo	del	Thickness	Perforation	Border	Remarks
1	U-Shaped Head Mask	F003B	F003R	2.4mm	22%	U-Shaped Frame	
2	U-Shaped Head Mask (Lengthened-5)	F013B	F013R	2.4mm	22%	U-Shaped Frame	Extended 5cm
3	U-Shaped Head Mask (Lengthened-9)	F023B	F023R	2.4mm	22%	U-Shaped Frame	Extended 9cm





Triangular Head Mask

As one of the most commonly-used masks in the radiotherapy of head, Triangular Head Mask can be fixed on a base plate by means of hanging hook. It models conveniently and fixes firmly. Air outlet hole can be pre-cut on the sheet, so the patient's nose is exposed, and the patient can breathe smoothly. It is one of the first choices of therapists.

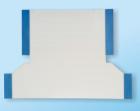


COMMON SERIES OF PRODUCTS

No.	Product Name	Model	Thickness	Perforation	Border	Border Size	Remarks
1	Triangular Head Mask	F061B F061R	2.4mm	22%	3 Borders	100mm 180mm	
2	Triangular Head Mask	F062B F062R	2.4mm	22%	3 Borders	100mm . 180mm	with nose hole

BiR represent blue and pink borders. SIML respectively stand for small, medium and large size. Please access
the website of Renfu Medical www.renfurned.com for more details.





Neck-Shoulders Mask

As one of the most commonly-used masks in the radiotherapy of neck, it can be fixed on a base plate by means of hanging hook. It models conveniently and fixes firmly. Air outlet hole can be pre-cut on the sheet, so the patient's nose is exposed, and the patient can breathe smoothly. It is one of the first choices of therapists.



COMMON SERIES OF PRODUCTS

No.	Product Name	Mo	del	Thickness	Perforation	Border	Border Size	Remarks
1	Neck-Shoulders Mask (S)	F101B	FIOIR	2.4mm	22%	4 Borders	180mm、100mm	
2	Neck-Shoulders Mask (S)	F102B	F102R	2.4mm	22%	4 Borders	180mm, 100mm	with nose hole
3	Neck-Shoulders Mask (L)	F121B	F121R	2.4mm	22%	4 Borders	180mm, 100mm	
4	Neck-Shoulders Mask (L)	F122B	F122R	2.4mm	22%	4 Borders	180mm, 100mm	with nose hole





Head-Neck-Shoulders Mask

masks in the radiotherapy of head or neck, it can be fixed on a base plate by means of hanging hook. I models conveniently and fixes firmly. Air outlet hole can be precut on the sheet, so the patient's nose is exposed, and the patient can breathe smoothly. It is one of the first choices of therapists.



COMMON SERIES OF PRODUCTS

No.	Product Name	Mod	del	Thickness	Perforation	Border	Border Size	Remarks
- 1	Head-Neck-Shoulders Mask (S)	F201B	F201R	2.4mm	22%	5 Borders	100mm 180mm 100mm	
2	Head-Neck-Shoulders Mask (S)	F202B	F202R	2.4mm	22%	5 Borders	100mm 180mm 100mm	with nose hole
3	Head-Neck-Shoulders Mask (L)	F221B	F221R	2.4mm	22%	5 Borders	100mm 180mm 100mm	
4	Head-Neck-Shoulders Mask (L)	F222B	F222R	2.4mm	22%	5 Borders	100mm 180mm 100mm	with nose hole

BIR represent, blue and pink borders. SIMIL respectively stand for small, medium and large size. Please access
the website of Renfu Medical www.renfurred.com for more details

DESCRIPTIONS OF PRODUCT SERIES



Neck-Shoulders-Chest Mask

As one of the most commonly-used masks in the radiotherapy of neck or breast. It can be fixed on a base plate by means of hanging hook. Its most outstanding feature is that it can fix the head, neck, shoulders and chest at the same time. Thus the positioning is more accurate.



COMMON SERIES OF PRODUCTS

No.	Product Name	Mod	lel	Thickness	Perforation	Border	Border Size	Remarks
1	Neck-Shoulders-Chest Mask (L)	F179B	F179R	2.4mm	22%	6 Borders	180mm 100mm 100mm	
2	Neck-Shoulders-Chest Mask (L)	F180B	F180R	2.4mm	22%	6 Borders	180mm 100mm 100mm	with nose hole







COMMON SERIES OF PRODUCTS

No.	Product Name	Мо	del	Thickness	Perforation	Border	Border Size
1	Breast Mask (M)	F311B	F311R	2.4mm	22%	2 Borders	230mm
2	Breast Mask (L)	F321B	F321R	2.4mm	22%	2 Borders	230mm
3	Breast Mask (M)	F341B	F341R	2.4mm	22%	2 Borders	245mm
4	Breast Mask (L)	F351B	F351R	2.4mm	22%	2 Borders	245mm
5	Breast Mask (M)	F371B	F371R	2.4mm	22%	2 Borders	250mm
6	Breast Mask (L)	F381B	F381R	2.4mm	22%	2 Borders	250mm

BIR represent blue and pink borders. SIMIL respectively stand for small, medium and large size. Please access
the website of Renfu Medical www.renfumed.com for more details

perforation of 22% can be selected.

DESCRIPTIONS OF PRODUCT SERIES

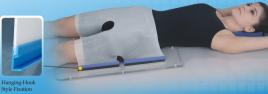
Chest-Pelvis Mask



COMMON SERIES OF PRODUCTS

No.	Product Name	Mo	del	Thickness	Perforation	Border	Border Size
1	Chest-Pelvis Mask (M)	F411B	F411R	2.4mm	22%	4 Borders	230mm
2	Chest-Pelvis Mask (M)	F414B	F414R	3.0mm	22%	4 Borders	230mm
3	Chest-Pelvis Mask (L)	F421B	F421R	2.4mm	22%	4 Borders	230mm
4	Chest-Pelvis Mask (L)	F424B	F424R	3.0mm	22%	4 Borders	230mm
5	Chest-Pelvis Mask (M)	F441B	F441R	2.4mm	22%	4 Borders	245mm
6	Chest-Pelvis Mask (M)	F444B	F444R	3.0mm	22%	4 Borders	245mm
7	Chest-Pelvis Mask (L)	F451B	F451R	2.4mm	22%	4 Borders	245mm
8	Chest-Pelvis Mask (L)	F454B	F454R	3.0mm	22%	4 Borders	245mm
9	Chest-Pelvis Mask (M)	F471B	F471R	2.4mm	22%	4 Borders	250mm
10	Chest-Pelvis Mask (M)	F474B	F474R	3.0mm	22%	4 Borders	250mm
	Chest-Pelvis Mask (L)	F481B	F481R	2.4mm	22%	4 Borders	250mm
	Chara Babaia Mark (L)		THOU		2207	4.00	250





Pelvis Mask





COMMON SERIES OF PRODUCTS

No.	Product Name	Mo	del	Thickness	Perforation	Border	Border Size
1	Pelvis Mask (M)	F511B	F511R	2.4mm	22%	6 Borders	230mm, 170mm
2	Pelvis Mask (M)	F514B	F514R	3.0mm	22%	6 Borders	230mm. 170mm
3	Pelvis Mask (L)	F521B	F521R	2.4mm	22%	6 Borders	230mm . 170mm
4	Pelvis Mask (L)	F524B	F521R	3.0mm	22%	6 Borders	230mm . 170mm
5	Pelvis Mask (M)	F541B	F541R	2.4mm	22%	6 Borders	245mm. 100mm
6	Pelvis Mask (M)	F544B	F544R	3.0mm	22%	6 Borders	245mm. 100mm
7	Pelvis Mask (L)	F551B	F551R	2.4mm	22%	6 Borders	245mm. 100mm
8	Pelvis Mask (L)	F554B	F554R	3.0mm	22%	6 Borders	245mm . 100mm
9	Pelvis Mask (M)	F571B	F571R	2.4mm	22%	6 Borders	250mm. 100mm
10	Pelvis Mask (M)	F574B	F574R	3.0mm	22%	6 Borders	250mm. 100mm
11	Pelvis Mask (L)	F581B	F581R	2.4mm	22%	6 Borders	250mm. 100mm
12	Pelvis Mask (L)	F584B	F584R	3.0mm	22%	6 Borders	250mm. 100mm

BIR represent blue and pink borders. SIMIL respectively stand for small, medium and large size. Please access
the website of Ronfu Medical www.renfumed.com for more details

DESCRIPTIONS OF PRODUCT SERIES

S-Shaped Head Mask As one of the most commonly-used masks in the radiotherapy of head, S-Shaped Head Mask can be fixed on a base plate by means of expansion. It models conveniently and fixes firmly, and the modeling shape is perfect, so more and more theropists prefer to use it. As the mask is greatly stretched in the process of molding, the material tends to become thinner, and the fixing effect will be affected to some extent. Materials with a small aperture and a small percentage of perforation are Expanding Style Fixation

S-Shaped Head-Neck-Shoulders Mask

As one of the most commonly-used masks in the radiotherapy of head or neck, S-Shaped Head-Neck-Shoulders Mask can be fixed on a base plate by means of expansion. It models conveniently and fixes firmly, and the modeling shape is perfect. Therefore, it is one of the first choices of therapists. As the mask could be greatly stretched in the process of molding, the material tends to become thinner, and the fixing effect will be affected to some extent. Materials with a small aperture and a small percentage of perforation should be selected generally.







COMMON SERIES OF PRODUC

No.	Product Name	Мо	del	Thickness	Perforation	Border	Remarks
1	S-Shaped Head-Neck-Shoulders Mask	F271B	F271R	2.4mm	22%	Large-S Frame	Insert
2	S-Shaped Head-Neck-Shoulders Mask (S)	F275B	F275R	2.4mm	22%	Large-S Frame	with Expanding Bolts
3	S-Shaped Head-Neck-Shoulders Mask (M)	F278B	F278R	2.4mm	22%	Large-S Frame	with Expanding Bolts
4	S-Shaped Head-Neck-Shoulders Mask (L)	F281B	F281R	2.4mm	22%	Large-S Frame	with Expanding Bolts



No.	Product Name	Mod	iel	Thickness	Perforation	Border	Remarks	
1	S-Shaped Head Mask	F033B	F033R	2.4mm	22%	Small-S Frame	with Expanding Bolts	
2	S-Shaped Head Mask (Lengthened-5)	F043B	F043R	2.4mm	22%	Small-S Frame	with Expanding Bolts	Extended 5cm
3	S-Shaped Head Mask (Lengthened-9)	F053B	F053R	2.4mm	22%	Small-S Frame	with Expanding Bolts	Extended 9cr

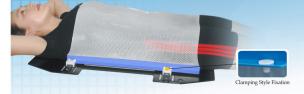


BrR represent blue and pink borders. SML respectively stand for small, medium and large size. Please access
the website of Renfu Medical www.renfumed.com for more details.

Trunk Mask As one of the most commonly-used masks in the radiotherapy of trunk, it can be fixed on a base plate by means of clamping. Molding is very convenient, so it is one of the first choices of therapist. Materials with an aperture of 2mm, a thickness of 2.4mm and a perforation of 22% or non-perforated are often selected, or materials with an aperture of 2mm or 3mm, a thickness of 3.0mm and a perforation of 22% can be

COMMON SERIES OF PRODUCTS

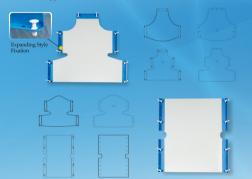
No.	Product Name	Mo	del	Thickness	Perforation	Border	Border Size	Remarks
1	Trunk Mask (M)	F611B	F611R	2.4mm	22%	2 Borders	560mm	
2	Trunk Mask (L)	F621B	F621R	2.4mm	22%	2 Borders	560mm	
3	Trunk Mask (M)	F641B	F641R	2.4mm	22%	2 Borders	560mm	Fixed by Both Sides
4	Trunk Mask (L)	F651B	F651R	2.4mm	22%	2 Borders	560mm	Fixed by Both Sides



DESCRIPTIONS OF PRODUCT SERIES

2. Other Series of Products

These type of products apply to the fixiation systems of SINMED Corp. The masks can be fixed on the base plate by means of expansion. It is convenient, and can obtain firm fixation as well. Materials which perforation rate is 22%, aperture is 2mm, and thickness is 2.4mm, are popular.



COMMON SERIES OF PRODUCTS

No.	Product Name	Mo	del	Thickness	Perforation	Border	Border Size	Remarks
1	Triangular Head Mask	F071B	F071R	2.4mm	22%	3 Borders	140mm	with Expanding Bolts
2	Triangular Head Mask	F072B	F072R	2.4mm	22%	3 Borders	140mm	with Expanding Bolts, with nose hole
3	Neck-Shoulders Mask (M)	F145B	F145R	2.4mm	22%	4 Borders	140mm	with Expanding Bolts
4	Neck-Shoulders Mask (M)	F146B	F146R	2.4mm	22%	4 Borders	140mm	with Expanding Bolts, with nose hole
5	Neck-Shoulders Mask (L)	F149B	F149R	2.4mm	22%	4 Borders	140mm	with Expanding Bolts
6	Neck-Shoulders Mask (L)	F150B	F150R	2.4mm	22%	4 Borders	140mm	with Expanding Bolts, with nose hol
7	Head-Neck-Shoulders Mask (M)	F255B	F255R	2.4mm	22%	5 Borders	140mm	with Expanding Bolts
8	Head-Neck-Shoulders Mask (M)	F256B	F256R	2.4mm	22%	5 Borders	140mm	with Expanding Bolts, with nose hol
9	Head-Neck-Shoulders Mask (L)	F259B	F259R	2.4mm	22%	5 Borders	140mm	with Expanding Bolts
10	Head-Neck-Shoulders Mask (L)	F260B	F260R	2.4mm	22%	5 Borders	140mm	with Expanding Bolts, with nose hol
11	Chest-Pelvis Mask (M)	F491B	F491R	2.4mm	22%	4 Borders	180mm	with Expanding Bolts
12	Chest-Pelvis Mask (L)	F495B	F495R	2.4mm	22%	4 Borders	180mm	with Expanding Bolts, with nose hol

BIR represent blue and pink borders. SIMIL respectively stand for small, medium and large size. Please access
the website of Ronfu Medical www.renfumed.com for more details

3. The Series Products of X-knife Masks

X-knife Mask



Model: F701B F701R
Thickness: 3.0mm
Perforation: 222%
Border: two borders
Specification:three-piece set
Application: Existion system, BRAINLAB corp. (Germany)

X-knife Mask

Model: F702B F702R



Thickness: 3.0mm Perforation: 22% Border: two borders Specification:three-piece set Application: fixation system, BRAINLAB corp. (Germany)

X-knife Mask



Model: F711B F711R
Thickness: 2.4mm
Perforation: 22%
Border: two borders
Specification:three-piece set
Application: fixation system,

DAHENG corp

X-knife Mask



Model: F721B F721R Thickness: 2.4mm Perforation: 22% Border: U-shaped frame, two borders

borders
Specification:two-piece set
Application: fixation system,
TOPSLANE corp

X-knife Mask



Model: F731B F731R

Thickness: 2.4mm
Perforation: 22%
Border: three borders
Specification: single piece
Application: fixation system,
ET Medical corp

DESCRIPTIONS OF PRODUCT SERIES

4. The Series of Thermoplastic Materials

According to those customers who have purchased knock-down sandwiched style frames, we can provide corresponding pre-cut materials for them to choose.



COMMON SERIES OF PRODUCTS

No.	Product Name	Model	Specification	Thickness	Perforation	Remarks
1	Thermoplastic Sheet	F911	900x600mm	2.4mm	22%	Sheet for Head Fixation
2	Thermoplastic Sheet	F912	900x600mm	2.4mm	22%	Sheet for Trunk Fixation
3	Thermoplastic Sheet	F913	900x600mm	2.4mm	36%	Sheet for Head Fixation
4	Thermoplastic Sheet	F914	900x600mm	2.4mm	36%	Sheet for Trunk Fixation
5	Thermoplastic Sheet	F915	900x600mm	2.4mm	Non-Perforated	Sheet for Trunk Fixation
6	Thermoplastic Sheet	F931	900x600mm	3.0mm	22%	Sheet for Head Fixation
7	Thermoplastic Sheet	F932	900x600mm	3.0mm	22%	Sheet for Trunk Fixation
8	Thermoplastic Sheet	F933	900x600mm	3.0mm	36%	Sheet for Head Fixation
9	Thermoplastic Sheet	F934	900x600mm	3.0mm	36%	Sheet for Trunk Fixation
10	Thermoplastic Sheet	F935	900x600mm	3.0mm	Non-Perforated	Sheet for Trunk Fixation

BIR represent blue and pink borders. SIMIL respectively stand for small, medium and large size. Please access
the website of Rentu Medical www.rentumed.com for more details