

KANGDA®



CAST

SPLINT



SLEEVE CAST

**4.5m ROLL
SPLINT**



OEM Available
Leading Orthopedic Manufacturer in Asia



FDA



CE



ISO13485:2016

EXPORTED MORE THAN 100 COUNTRIES

Beijing Jinwei Kangda Medical Instrument Ltd.

About us

Jinwei Kangda is a professional orthopedic products and sport support company integrating R&D/production/domestic & foreign sales. It is one of the suppliers for Central Reserve, China Meheco and military materials procurement. The company owned a hardworking, innovative and pragmatic professional team has excellent production and inspection equipment, including 24 casting tape and splint production lines, 20 support and brace production lines and a research and development center built together with USA Amerix. It mainly produces casting tape and splint, orthosis brace, sport support and matched auxiliary products.

The company has gotten new high-tech enterprise certification in Beijing, and passed by ISO13485 international quality management system authentication and all products got the FDA and CE approval. "Kangda" brand casting tape and splint have become a well-known brand and the sales volume is on top for more than continuous 24 years in the same industry. It has been used in thousands of above Class II Grade A hospitals in China. It sells more than 100 countries and regions such as USA, Europe, Middle East and Asia.

Now it becomes Asia's largest scientific research, production and export base for orthopedic casting tape and splint.

Based on the principle of "Honesty & Efficiency, Pursuit of Excellence and Harmonious Development", wholeheartedly welcome domestic and foreign distributors to purchase, cooperate, complement each other to achieve win-win cooperation, mutual development and create brilliant achievements.





Design and Development

The company has the advantages of talents, R&D and innovation. It has obtained 1 national invention patent, 14 national utility model patents and national design patents. It fills the gap of domestic splints and they are the initial company in China to begin to produce the long splint roll, sleeve cast, waterless casting tape and soft casting tape. It has continuously improved its technology and has become the industry leader. The company and the United States Amerix joint together to set up R&D center and casting tape and splint laboratory and develop 2-3 new products each year to launch to market. This enhances the company's core competitiveness and development potential.



Laboratory

Quality Control

The company was passed by the ISO13485:2016 international quality management system and has been effectively controlled from new product design and R&D, raw material procurement, products production, delivery and after-service whole process, so that form perfect R&D, production, sales, logistics and after-sales service systems to insure quality and customer satisfaction. All products got the FDA and CE approval.



Workshop



Manufacturing Capacity

More than 24 years of R&D and sales history has created a professionally technical team and a well-trained workforce to provide a strong guarantee for market supply. Advanced production equipment and most of raw materials independent production, it achieves one-stop production process from fabric weaving, polyurethane synthesis to production. Annually it produces 6 million pieces of casting tape, 4 million pieces of splints, 3 million pieces of support and brace, and 1 million rolls of elastic bandage and cast padding, it is the largest casting tape and splint R&D, production and export base in Asia.

R&D Process

Making full use of Beijing's location advantage and talent advantage, the enterprise has obtained a total of 1 national invention patent, 26 national utility model patents and national design patents, and 2 USA domestic patents. Filling the blank of domestic Orthopedic splint, the company has become the industry leader in the production of 4.5m roll splint, sleeve cast, water-free casting tape and soft cast exclusively in China. The company and the U.S. Amerix company joint R & D center and laboratory, every year a number of new products like orthopedic cast& splint and brace&support on the market, enhance the core competitiveness of the enterprise and the momentum of development.



Catalogue

I. Orthopedic Casting Tape

1. Comfortable Casting Tape & Splint
2. Fiberglass Casting Tape
3. Polyester Casting Tape
4. Sleeve Casting Tape
5. Soft Casting Tape
6. Waterless Casting Tape
7. Thermoplastic Tape

II. Orthopedic Splint

1. 4.5m Roll Splint
2. Fiberglass Splint
3. Polyester Splint

III. Auxiliary Products

1. Cast Padding
2. Elastic Bandage
3. Stockinette
4. New Comfortable Stockinette

Kangda® New Comfortable Casting Tape and Splint

— THE STRENGTH OF FIBERGLASS + THE FLEXIBILITY OF POLYESTER

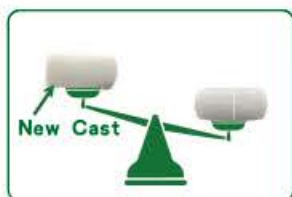
Our company was the first domestically produced the new polyester fiber base fabric in 2012, and its excellent shapeability and breathability have been widely praised in clinical practice. Devoted ourselves pursuing excellence and continuously improving quality for more than ten years, we have obtained 6 national utility model patents.

We have launched the latest research and development of upgraded new polyester fabric , orthopedic cast and splint coated with new polyurethane glue.



Higher Strength

The strength is more than 15% stronger than fiberglass casting tape and more than 35% stronger than polyester casting tape. It can effectively protect the fracture part . When recovered, it is easy to remove.



Lighter

It is 30% lighter than fiberglass casting tape, reducing the patient's sense of burden.



Better Shaping

The vertical and horizontal elasticity is more than twice as high as that of fiberglass splints, and it can closely fit the joint parts to avoid wrinkles, loss of reduction or secondary displacement.



More Breathable

Weaved with large mesh, the breathability is more than 4 times that of fiberglass splint, allowing the skin to breathe freely.



Better X-rays Transparency

The clarity of X-rays is more than twice that of fiberglass casting tape.



Product Information

Model	Specification	Packaging	Color
CT 002	5.0cm x 360cm	10 pieces x 15 boxes/carton	White
CT 003	7.5cm x 360cm	10 pieces x 15 boxes/carton	White
CT 004	10.0cm x 360cm	10 pieces x 12 boxes/carton	White
CT 005	12.5cm x 360cm	10 pieces x 9 boxes/carton	White
CT 006	15.0cm x 360cm	10 pieces x 9 boxes/carton	White

Note: CT-Comfortable Casting Tape

Fiberglass Casting Tape

Features

- Made of fiberglass fabric coated with polyurethane.
- High strength, fix firmly , it can effectively protect the fracture part.
- Fast curing, saving clinicians time for surgery.
- Operation is more convenient.



Product Information

Model	Specification	Packaging	Color
CF 002	5.0cm x 360cm	10 pieces x 12 boxes/carton	White
CF 003	7.5cm x 360cm	10 pieces x 12 boxes/carton	White
CF 004	10.0cm x 360cm	10 pieces x 9 boxes/carton	White
CF 005	12.5cm x 360cm	10 pieces x 9 boxes/carton	White
CF 006	15.0cm x 360cm	10 pieces x 9 boxes/carton	White

Note:CF-Fiberglass Casting Tape

Polyester Casting Tape

Features

- Made of polyester fiber fabric coated with polyurethane.
- Different types of products have different strengths.
- Good toughness, strong impact resistance.
- The waste can be completely burned and more eco-friendly.
- More economical.
- High strength, can effectively protect the injured part .
- White, blue, green, red and orange color are available.
- The finished product with vivid color.



Product Information

Model	Specification	Packaging	Color
CP 002	5.0cm x 360cm	10 pieces x 12 boxes/carton	White, Blue, Green, Red, Orange
CP 003	7.5cm x 360cm	10 pieces x 12 boxes/carton	White, Blue, Green, Red, Orange
CP 004	10.0cm x 360cm	10 pieces x 9 boxes/carton	White, Blue, Green, Red, Orange
CP 005	12.5cm x 360cm	10 pieces x 9 boxes/carton	White, Blue, Green, Red, Orange
CP 006	15.0cm x 360cm	10 pieces x 9 boxes/carton	White, Blue, Green, Red, Orange

Note: CP-Polyester Casting Tape

Sleeve Casting Tape



Features

- It is made of polymer cotton weaved into sleeve and then coated with polyurethane.
- The large mesh weaving technology makes it easier to shape, better breathable and x-ray transparency.
- The operation is more simple, just need to directly wear it on the padding.
- It is easier to shape on the bend joint part.
- Especially it is good for children's fracture emergency.
- It can also be used as prop according to clinical needs.



Product Information

Model	Width (cm)	Length (cm)	Unit	Applicable parts
CT210*	2in (5.0cm)	25	pieces	Long arm or short leg
CT214*		35	pieces	Short or long leg
CT218*		45	pieces	Long leg
CT224*		60	pieces	Long leg
CT310	3in (7.5cm)	25	pieces	Forearm (palm and wrist)
CT314		35	pieces	Long arm or short leg
CT315		40	pieces	Long arm or short leg
CT322		55	pieces	Short leg
CT328		70	pieces	Long leg
CT335		90	pieces	Long leg
CT414	4in (10.0cm)	35	pieces	Long arm (palm)
CT420		50	pieces	Short leg
CT422		55	pieces	Short leg
CT424		60	pieces	Long leg
CT430		75	pieces	Long leg
CT435		90	pieces	Long leg
CT522	5in (12.5cm)	55	pieces	Long leg
CT525		65	pieces	Long leg
CT535		90	pieces	Long leg

Note: 1. the model with * sign have forked thumb padding

Operating Procedures



1. Select the suitable model sleeve cast as per different injured part and then wear the double-deck padding on the injured part.



2. Take the sleeve cast from the sealed bag, rolled it and then put it into water at 20-30°C for 5-10 seconds and press it for several times by hands to make it soak water fully, and then take it out of water and twist it to remove excess water.



3. Wear the sleeve on the injured limb from the distal end to the proximal end, it will be curing in 3-5 minutes after shaping and reach functional fixing strength in 20 minutes.



4. Use a plaster scissor or electric plaster saw to remove it along the red line on sleeve cast.



Soft Casting Tape

It is soft and good elastic after curing.

Can be used for slight fractures, sprain, contusion and sports protection.

Various color are available.

By medical scissors it can be easily removed.

Waterless Casting Tape

Features

- Made of fiberglass fabric coated with polyurethane.
- When doctor uses, don't need to immerse it into water, after warping, just put the polyurethane on the surface of cast.
- Don't need water, so inner padding can be kept dry. The patient feel more comfortable.
- Don't need water, so doctors with sufficient time can operate it simply
- The lubricity of the curing polyurethane make it easier to shape.

Curing Polyurethane Features

- It is mainly composed of nano materials polymer.
- Non-toxic.
- Non-irritating.
- Does not produce excess heat.
- Rapid penetration, chemical bonding more thoroughly.

Instructions



1. The bandage should not be immersed in water, twined on the injured parts.



2. Dispense proper amount curing polyurethane onto palm.



3. Smear evenly on the twined casting tape, until the dough is smooth.

New

Thermoplastic Tape

Ideal choice for fixing small parts such as fingers and wrists

- More snug
- Repeatable shaping
- Can be cut arbitrarily
- Safe and comfortable



[Scope of application]

- ◆ Fracture and postoperative external fixation
- ◆ Soft tissue, joint ligament muscle building, nerve injury, and postoperative external fixation
- ◆ External fixation after bone and joint deformities surgery and burn plastic surgery

[Characteristic]

◆ More snug

The thin strip can be shaped and fixed arbitrarily after heating and softening, resulting in better snug fit

◆ Repeatable shaping

When the fixation effect is not ideal, secondary shaping and fixation can be carried out after heating and softening

◆ Can be cut arbitrarily

According to the use location and strength requirements, it can be shaped or cut into the desired shape and size for safety and comfort

◆ Safe and comfortable

It has a certain degree of self-adhesion and stretching elasticity, and is firmly fixed and comfortable to wear.



Easy to operate



Repeatable shaping



Cropped arbitrarily



Features

- ◆ **High Strength:** The strength of polymer splint is more than 5 times than plaster splint, which can protect the injured part effectively.
 - ◆ **Light Weight:** It is just 1/5 of weight of the plaster splint, 1/3 of the thickness and minimize the burden on human activities.
 - ◆ **Fast Curing:** The polymer splint begins to curing in 3-5 minutes after soaking in water and it can reach a functional fixing strength after 20 minutes. It can effectively prevent displacement from reduction of fracture and save time for doctors and patients.
 - ◆ **Breathable:** The fabric is lighter and has many small holes. It has excellent air permeability and effectively prevents skin from itching and odor.
 - ◆ **X-ray:** Doctor can clearly observe the bone and healing conditions by x-ray machine, this provide a guarantee for the accuracy and perfection of the surgery.
 - ◆ **Easy to Operate:** Just in room temperature water and 3 minutes the operation can be finished, it can be removed with ordinary scissors .
- Several Different Variety and Specifications: 1/2/3 generation splints with different technology and materials can meet different needs; various specifications can be used to different body part and different age.

Instructions

- ◆ According to different part of part, select the suitable size. It is not necessary to wear gloves.
- ◆ After opening the bag, soak it into normal temperature water and squeeze 2-3 times in 5-10 seconds to let the outside padding to absorb water fully.
- ◆ Extrude or use a dry towel to remove excess moisture.
- ◆ Place the inner lining surface of the splint close to the part need to fix, and fix it with gauze bandage or elastic bandage. The tightness should be moderate.
- ◆ Shape it by hand to ensure that the splint and limb touch each other closely
- ◆ It will be curing in 3 minutes and reach to functional fixing strength after 20 minutes.



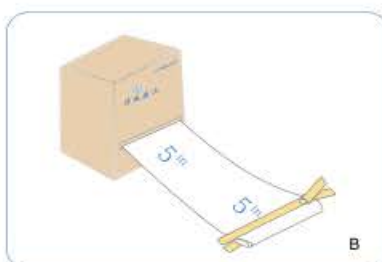
Attention

- The curing speed is affected by the temperature and soaking time, doctor should adjust them as per the clinical demand.
- On the product pouch marked with the manufacturing date and expiring date and should be used in the period of validity.
- The product is with sealed pouch. Pouch must not leak when transport or store. Before using, need to confirm if it is hardened, if hardened, should not be used.
- If you find any quality problems, please contact our factory or agent in time.

4.5m Roll Splint

Features

- It is made of multilayer polyester cotton woven fabric and inner and outer lining padding impregnated with polyurethane with special process.
- Large mesh woven structure, excellent shapeability.
- Lighter, more breathable, more x-ray transparency.
- Choose the right model, cut it as needed, more convenient and more economical.
- With a special sealing clip, after cutting the splint, seal it first and then preserve.



Product Information

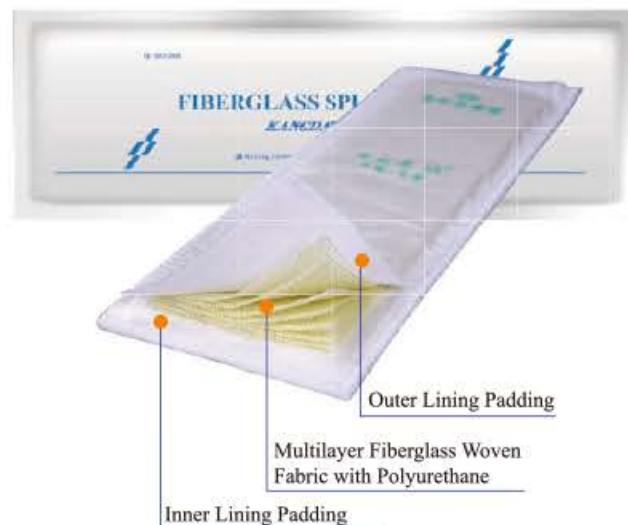
Model	Specifications	Packaging	Applicable Parts
KD2180	5.0cm×450cm	1 piece x 4 boxes/Carton	Upper limb
KD3180	7.5cm×450cm	1 piece x 4 boxes/Carton	Upper limb
KD4180	10.0cm×450cm	1 piece x 4 boxes/Carton	Upper limb Lower limb
KD5180	12.5cm×450cm	1 piece x 4 boxes/Carton	Lower limb
KD6180	15.0cm×450cm	1 piece x 4 boxes/Carton	Lower limb

Orthopedic Splint

Fiberglass Splint

Features

- It is made of multilayer fiberglass woven fabric and inner and outer lining padding impregnated with polyurethane with special process.
- High strength, it can protect the injured part effectively .
- It can effectively prevent the fracture displacement from reduction of fracture status and save time for doctors and patients.
- Easy to immerse into water and operation, let the patient feel light and comfortable.



Polyester Splint

Features

- It is made of multilayer polyester woven fabric and inner and outer lining padding impregnated with polyurethane with special process.
- Medium strength and light weight.
- Shaping and air permeability are slight poor.
- More economical and practical.
- The splint should be squeezed for several times in water to ensure the inner and outside of splint soak enough water.



Orthopedic Splint Product Information

Model	Specifications	Packaging	Applicable Parts
SP/SF/ST 312	7.5cm×30cm	20 pieces x 6 boxes/Carton	Short arm
SP/SF/ST 335	7.5cm×90cm	10 pieces x 6 boxes/Carton	Long arm
SP/SF/ST 415	10cm×40cm	20 pieces x 6 boxes/Carton	Short arm
SP/SF/ST 420	10cm×50cm	20 pieces x 6 boxes/Carton	Short arm
SP/SF/ST 430	10cm×76cm	10 pieces x 6 boxes/Carton	Lower leg or long arm
SP/SF/ST 520	12.5cm×50cm	10 pieces x 6 boxes/Carton	Lower leg
SP/SF/ST 530	12.5cm×76cm	10 pieces x 6 boxes/Carton	Lower leg
SP/SF/ST 545	12.5cm×115cm	5 pieces x 6 boxes/Carton	Thigh
SP/SF/ST 630	15cm×76cm	5/10/5 pieces x 6 boxes/Carton	Lower leg
SP/SF/ST 645	15cm×115cm	5 pieces x 6 boxes/Carton	Thigh

Note: SP-Polyester Splint, SF-Fiberglass Splint, ST-Polyester Cotton Splint

Cast Padding

- It is made of cotton fiber or polyester and cotton mixed fiber or polyester fiber.
- It is good auxiliary products for casting tape and others bandages.
- As padding, it can protect skin and isolate the pollution.
- Several size can be used for different people.
- Special size can be produced according to orders' request.

Specifications	Packaging
5.0cm×270cm	720 pieces/carton
7.5cm×270cm	480 pieces/carton
10.0cm×270cm	360 pieces/carton
15.0cm×270cm	240 pieces/carton
20.0cm×270cm	180 pieces/carton



Elastic Bandage

- Adopting advanced and unique textile technology, it has good air permeability.
- Used for fixing and bandaging of polymer splints.
- Feel good, soft, soft pressure and easy to bind up.
- Many specifications for different parts of body.
- Special specifications can be produced according to orders request .



Model	Specifications	Packaging	Applicable Parts
EB003	7.5cm×4.5m	12 pieces x 40 bags/Carton	Upper limb or Lower limb
EB004	10.0cm×4.5m	12 pieces x 30 bags/Carton	Upper limb or Lower limb
EB005	12.5.0cm×4.5cm	12 pieces x 24 bags/Carton	Upper limb or Lower limb

Stockinette

- It is made of cotton fiber or polyester and cotton mixed fiber or polyester fiber.
- It is good auxiliary products for casting tape and others bandage.
- As padding, it can protect skin and isolate the pollution.
- Several size can be used for different people.
- Special size can be produced according to orders request.



Specifications	Packaging
5.0cm×30m	1 roll ×20 boxes/carton
10.0cm×40m	1 roll ×10 boxes/carton
5.0cm×22.86m	32 pieces/carton
7.5cm×22.86m	24 pieces/carton
10cm×22.86m	16 pieces/carton
15cm×22.86m	12 pieces/carton
20cm×22.86m	8 pieces/carton

New Comfortable Stockinette

- Thicker , it can enhance the impact resistance and be more comfortable.
- High elasticity , it can touch the different body part closely
- Big mesh, it let skin breathe freely
- Water resistance , it can resistant the some water in life.



Specifications (thicker)
5.0cm×100cm
7.5cm×100cm
10cm×100cm
12.5cm×100cm
15cm×100cm

Professional · Concentration

Innovation · Leading



中美联合实验室 (China-US joint laboratory)

美国Amerix Medical Solutions, LLC与中国北京市康达医疗器械有限公司同意合作建立研发中心和产品实验室, 共同研发高分子绷带、夹板和保护器具新产品, 以满足国内外市场需求。

(American company Amerix Medical Solutions, LLC and Beijing Anwei Kangda Medical Instrument Ltd of China, agreed to work together to establish R&D center and products laboratory, develop new polymer cast bandage, splint and protective & supportive products, in order to meet market demand at home and abroad.)

Amerix Medical Solutions, LLC

康达医疗器械有限公司

2014.12.25



KANGDA® Other product series

SUPPORT



ORTHOSIS BRACE



KANGDA BRAND SINCE 2001

TRUSTWORTHY AND RELIABLE



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