

# Thermic BIRETTA

CE



Ref: PR-000  
Ref: PR-000D

## PREVENTION OF THE HYPOTERMIA IN THE NEW BORN

THE FOLLOWING MANOEUVRE CONSISTS ON THE DRYING OF THE BABY IN ORDER TO AVOID THE LOST OF HEAT BY EVAPORATION.

In the precise moment right after the birth, the baby must be dried with warm clothes or towels and covered with a thermal BIRETTA that should cover all the head but the ears, to avoid the loss of body heat by the upper part of the head, at the same time he is placed over the mother's lap or in her arms. The baby is examined and we must be sure that his respiratory tracts are clear. It is important to keep the baby's body heat; babies born in rooms with cold temperature can experiment noticeable decreases in body temperature and this can derive to metabolic problems.

## CUSTOMIZE THIS PRODUCT WITH THE LOGO YOU WANT



2mil provides the chance to personalize our PR-000D model either with the logo of you region, or the one that fits your needs.

Contact us for more information.



PR-000

PR-000D

"The hypothermia, can arise complications to the newborn child due to the loss of heat in the moment of the birth, because they are humid"



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# PREVESCAR tnt

## PREVESCAR ankle boot

CE



Ref: PR-100\*  
Ref: PR-200  
PR-200\*

### MATERIAL FOR AVOIDING THE FORMATION OF BEDSORES.

When evaluating a system which has been designed for preventing the formation of bedsores on a part of the body subject to prolonged support, the measurement of the Transcutaneous Oxygen Pressure (TcPO<sub>2</sub>) is used. The value of this pressure when no support processes are being used (in other words, the pressure given merely by the air at an altitude of 0m, also known as the vas pressure) is 67 mmHg.

This 2mil product has specially designed cushioning elements which makes it especially effective, given that it allows there to be a decrease in the O<sub>2</sub> pressure exerted over the cushion in such a way that the TcPO<sub>2</sub> does not fall below 48 % of the base pressure, which corresponds to 32 mmHg, this is the minimum level defined in current protocols.



PR-100\*



PR-200 & PR-200\*

1. Contact layer made of soft fabric which is both cool and absorbent.

2. Cushioning which prevents the TcPO<sub>2</sub> falling below a base pressure of 32 mmHg.

3. External layer of acrylic fabric (1) which is highly resistant to rubbing.

4. Made by using an ultrasonic process which avoids the use of seams, thus avoiding the formation of bedsores as a result of the skin's rubbing against the fabric.

5. Fastening by means of belt and VELCRO.

(1) In the product PREVESCAR tnt, is a veil of TNT (textile-not-textile of 35 g/m<sup>2</sup>).

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# PREVESCAR

## extra line

CE



Ref: PR-500  
Ref: PR-500\*

### MATERIAL FOR AVOIDING THE FORMATION OF BEDSORES

Is designed to cover and cushion deformed feet like shown on the lower X-ray:

- Calcaneal Spur
- Exostosis in styloid apophysis of the 5th metatarsus
- Severe hallux valgus
- Moderate hallux valgus
- Mallet fingers
- Diabetic feet

As seen on the x-ray image below.



Its design comprises triple-cushioning at heel stress-zone and a wide ankle-protection area made of:

1. Contact layer made of soft hypoallergenic fabric (1) which is both cool and absorbent.
2. Cushioning which prevents the  $TcPO_2$  falling below a base pressure of 32 mmHg.
3. External layer is made of acrylic fabric which is highly resistant to rubbing.
4. Made by using an ultrasonic process which avoids the use of seams, thus avoiding the formation of scabs as a result of the skin's rubbing against the fabric.
5. Fastening by means of belt and VELCRO.

In the product PREVESCAR special trt. is a veil of TNT (textile-not-textile of 35  $g/m^2$ ).

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When evaluating a system which has been designed for preventing the formation of bedsores on a part of the body subject to prolonged support, the measurement of the Transcutaneous Oxygen Pressure ( $TcPO_2$ ) is used. The value of this pressure when no support processes are being used (in other words, the pressure given merely by the air at an altitude of 0m, also known as the vas pressure) is 67 mmHg.

This 2mil product has specially designed cushioning elements which makes it especially effective, given that it allows there to be a decrease in the  $O_2$  pressure exerted over the cushion in such a way that the  $TcPO_2$  does not fall below 48 % of the base pressure, which corresponds to 32 mmHg, this is the minimum level defined in current protocols.



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# RESTRAINING SLINGS

## for arms with ring

**AN IRRITABLE PATIENT IS  
DANGEROUS!**

Ref: SU-200



SU-200

Patients suffering from withdrawal symptoms of any kind often enter into a state of paranoia and it is very difficult for the nursing staff to control them. Their physical strength is greater than usual and they are quite likely to do things they would not do under normal circumstances, some of which may even be dangerous for the other patients sharing the ward.

The methods currently used for minimising the affects of the foregoing require the restraining of the patient's arms with resistant elastic bandages applied by the nursing staff.

2mil's ring restraining sling is extraordinarily resistant whilst being, at the same time, cool and comfortable. It is manufactured by an ultrasonic process and it is both cheaper and more effective than a hand-made restraining bandage.

1. External layer of VELOUR

3. Safety ring.

4. Soft contact fabric which is both absorbent, cool and comfortable

2. 30mm cushioning which avoids irritation to the skin

5. Welding using an ultrasonic process which avoids seams coming into contact with the skin.

6. Resistant restraining band.



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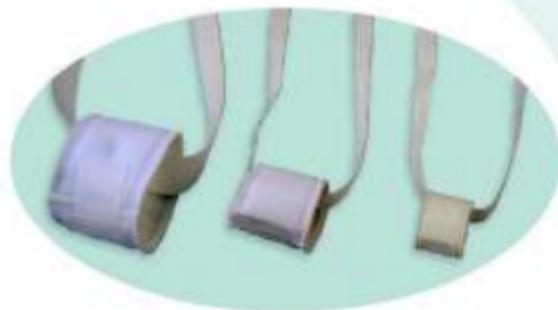
# EXTREMITY RESTRAINING BAND

(Quick Release)



Ref: SU-210  
SU-211  
SU-212

RESTRAIN THE MOVEMENT OF  
THE PATIENT WITHOUT  
HARMING HIM.

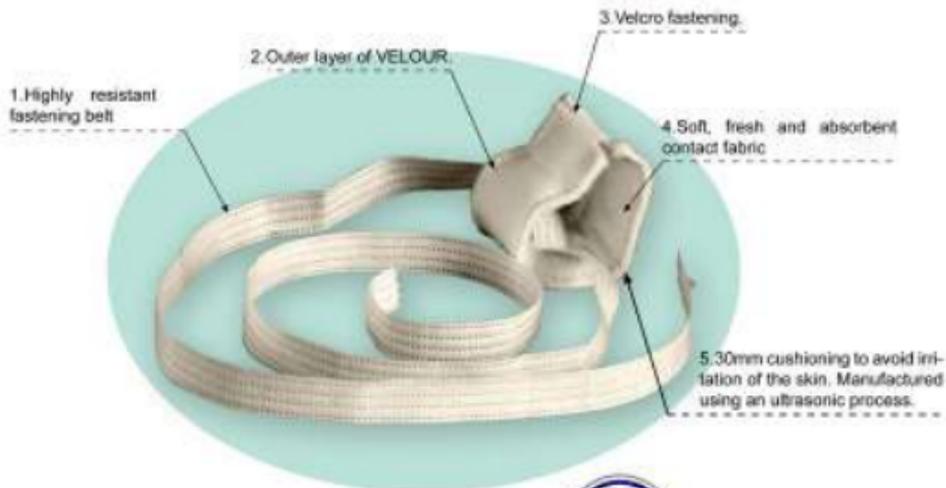


ADULT-SU-210

CHILD-SU-212

BABY-SU-211

2mil's restraining sling is designed so that it can be released immediately, without the need for cutting, in the event that it is necessary for the patient to be freed quickly. The restraining sling immobilizes the patient's arm effectively and comfortably, replacing the complicated process of bandaging. At the same time, it is both cheaper and more effective. The product is manufactured by an ultrasonic process and, therefore, has no seams which generally irritate and rub against the skin.



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# TRUNK RESTRAINER



Ref: SU-220  
SU-222



RESTRAINING OF PATIENTS IN BEDS OR CHAIRS

## PROTECT PATIENTS FROM FALLS

Sedated or disoriented patients normally lose their sense of balance which, at times, means that they suffer from falls. To avoid this, the nursing staff usually restrain the patients using sheets, bandages or anything else which comes to hand which may be used for this purpose.

2mil's trunk restrainer has been designed to restrict the patient movements to those permitted by the nursing staff for each individual case. There is available an Extra size, which is supplied with a longer belt to accommodate larger patients. (1)

The belt is made using an ultrasonic process and it therefore has no seams and skin irritation through rubbing is avoided.

It is extremely soft and can be placed directly onto the skin.

The restraining belts are highly resistant and they are sufficiently long for any kind of tying system to be used. Likewise, different levels of mobility may be permitted.

Your salesman will inform you as to the best way of using this equipment.



(1) SU-220: Trunk Restrainer  
SU-222: Trunk Restrainer Extra

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# MOULDABLE RESTRAINTS

Adolescents - Infants - Pediatrics - New Born



Ref: FI-300  
FI-305  
FI-310  
FI-311



## RESTRAINING MATERIALS

SPLINTS are one of the materials which have to be made with most frequency in a hospital either by the nurses themselves or by the maintenance service. Either way, precious time is taken up during the working day in their construction.

This 2mil product is made in different sizes depending on the age of the patient, but all the products have the same basic concept:

- Flexibility to be moulded into either
  - INTRA-ARTERIAL
  - INTRAVENOUSpositions coupled with sufficient rigidity for maintaining the position.
- Includes a fastening device to keep the patient's hand away from his body.
- Cushioning to avoid irritating the skin.
- No adhesives; fastening is by means of "VELCRO".
- Made entirely by high intensity ultrasonic welding to guarantee reusability.



FI-300

FI-305

FI-310

FI-311



!! The product is supplied with fastening straps; if required without fastening strap, put "sc" after the reference number !!

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# CROSS BELT SLING

CE

HOW TO PLACE



Ref: FI-400  
Ref: FI-400P

Using this design the patient does not have to support the weight of the arm permanently with his neck.



Within the range of Posture Fasteners, 2mil offers the FI-400P model that is specially designed for patients not exceeding 30 kilograms in weight.



With the coloured side of the strap facing you, insert it around your arm as shown in the diagram.



Lace the forearm through the belted.



Wrap around the back in the form of a cross belt and then wrap round the wrist.



Is a belt made of different materials welded together using an ultrasonic process.



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# FIST-CROSS BELT SLING

CE

HOW TO PLACE



Ref: FI-410  
Ref: FI-410P



## IN CASE OF ARM OR HAND INJURY

In case of arm or hand injury, it is recommended its fixation to the body in order to avoid involuntary hits.

Our product FI-410 is a cushioned wristband attached to a band made of different materials welded together by using an ultrasonic process to which it is possible to attach the velcro at the end.



Introduce the hand of the injured arm in the cushioned wristband.  
Put the hand at the desired height of the body and lean the band on the shoulder.



Turn the band round the back, across one's chest.



Using this design the patient does not have to support the weight of the arm permanently with his neck.

With the forearm folded, add the band by using the velcro where it is supposed to.

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# CROSS BELT SLING

foam

CE

HOW TO PLACE



Ref: FI-400F  
Ref: FI-400FP

Using this design the patient does not have to support the weight of the arm permanently with his neck.



With the coloured side of the strap facing you, insert it around your arm as shown in the diagram.



Lace the forearm through the belted.



Wrap around the back in the form of a cross belt and then wrap round the wrist.



Within the range of Posture Fasteners, 2mil offers the FI-400P model that is specially designed for patients not exceeding 30 kilograms in weight.



Is a belt made of different materials welded together using an ultrasonic process.



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# "VELPEAU" SLING

CE

HOW TO PLACE



Ref: FI-500

Recommended to fasten the arm after a  
**PACEMAKER** implantation



The sling is made with resin free hypoallergenic materials welded using an ultrasonic process and it is produced in a single size.

None of our products contain foam, as foam generates heat and causes sweating and skin irritation.



Pass the arm through the belt until it reaches the biceps.



Wrap around the body.



Pass through the ring and fasten with VELCRO. Place the arm between the body and the sling.

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# "VELPEAU" SLING

(product composed of two pieces)

CE

HOW TO PLACE



Ref: FI-505 XL  
FI-505 L  
FI-505 M  
FI-505 S

The sling is made with resin free hypoallergenic materials welded using an ultrasonic process and it is produced in a single size.



As result we obtain a very light and effective with two slings and with only two velcro fasteners.

None of our products contain foam, as foam generates heat and causes sweating and skin irritation.



Pass the arm through the belt until it reaches the biceps.



Wrap around the body, pass through the ring and fasten with velcro.



Introduce the hand into the second piece as shown. Pass the end between the body and the first piece and wrap around the back.



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# SLING BAG

## Arm Shoulder

CE

HOW TO PLACE



Ref: FI-510 XL  
FI-510 L  
FI-510 M  
FI-510 S



Arm pocket. Sling across the back at the shoulder, pass towards the ring and adjust.



VENTILATED BAG



Fix one end of the sling on the bottom ring.



Cross the sling in the back in horizontal, passing the sling through the ring and adjust.

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# SLING BAG

## Arm Shoulder

CE

HOW TO PLACE



Ref: FI-520 XL  
FI-520 L  
FI-520 M  
FI-520 S



Arm pocket. Sling across the back at the shoulder, pass towards the ring and adjust.



CANVAS 65% COTTON 35% POLYESTER



Fix one end of the sling on the bottom ring.



BREATHABLE AND WASHABLE



Cross the sling in the back in horizontal, passing the sling through the ring and adjust.

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# Arm Shoulder IMMOBILIZER

CE

HOW TO PLACE



Ref: FI-530 XL  
FI-530 L  
FI-530 M  
FI-530 S



Pocket the arm.  
Thread the tape behind the head.



Adjust through the buckle.



Attach one end of the tape in the pocket  
with Velcro. Cross the tape in horizontal  
by the back and adjust with Velcro.



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# Arm Shoulder IMMOBILIZER to Chest

CE

HOW TO PLACE



Ref: FI-540 XL  
FI-540 L  
FI-540 M  
FI-540 S



Pocket the arm. Thread the tape behind the head.



Adjust through the buckle.



Fix the arm with the padded clamp around the chest.



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# FIGURE "EIGHT" SLING

CE

HOW TO PLACE



Ref: FI-600  
Ref: FI-610

**For collarbone fractures and dislocations.**

The FI-600 for children of up to a weight of 30 kg, is a cushioned fabric which is free of resins, manufactured using hypoallergenic materials welded by an ultrasonic process; pieces of Velcro have been strategically incorporated so that when the sling is tied in a figure eight it may be securely and quickly fastened; likewise, it can be quickly and easily released and put back on again when the child is washed.



The FI-610 has been designed for patients of between 30 and 110 kg. This is manufactured using the same materials as the FI-600 although it is larger and has reinforced welding given that it has to support a greater force.

**The FI-610 is made in a single size, and it is recommended that any material that is not going to be used be cut off at the welded part.**

**None of our products contain foam, as foam generates heat and causes sweating and skin irritation.**

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The product should be measured to estimate what quantity to cut.



Calculate the measure that is required by the patient and cut the excess, once cut, fit it the same way that it was measured.



Position the product carefully to avoid creases in the patient's armpit, producing a resulting Figure "EIGHT" then fastening by means of the velcros, of which one can adhere on any part of the velour material.

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# NECK BRACES

Extra Large, Large, Medium and Small

CE

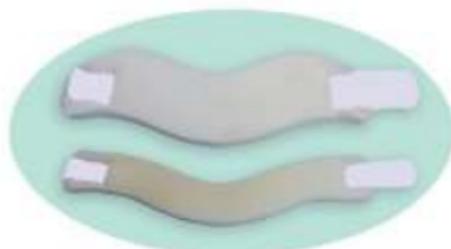


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CO-100-I

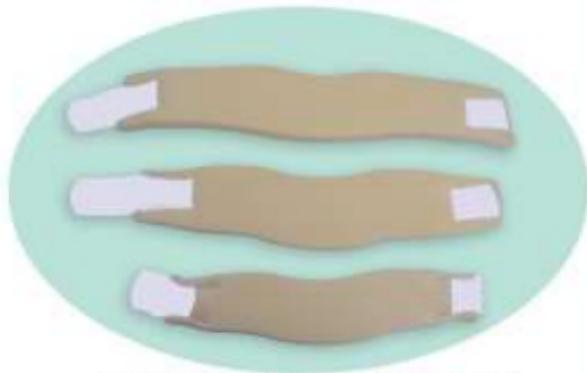
Before wearing read the following considerations:

- The duration of the treatment should be decided by a doctor exclusively
- Expressly respect the daily duration of use of this product following your doctors indications
- Don't use any medications of "external use" in the area where applying this product without the authorisation of your doctor
- Use this product with the appropriate size.
- Recommended only wear during the day, removing at bedtime or when receiving physiotherapy treatments.

## CERVICAL NECK BRACES OF A MEDIUM DENSITY



Children's sizes - Large and Small (babies).



Adult's sizes - Extra Large, Large, Medium and Small.

This 2mil product is foam composed of medium-density 100% cotton lining and fixed by Velcro, allows mental and occipital support, so that limits the mobility of the cervical spine allowing a relaxation of the muscles. At the same time decreasing the pressure exerted by the weight of the head on the cervical vertebrae, which reduces the pressure at the disk.



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