

# SEGUFIX®-Multi Belt



**Item 6256 / Item 6356 / Item 6456**

**Consisting of:**

- 1 SEGUFIX®-Multi Belt
- 1 SEGUFIX®-Lock
- 1 SEGUFIX®-Key

**3 Versions → SEGUFIX®-Locks:**

		
1206 / 1208	1306 / 1308	1406 / 1408
Item 6256	Item 6356	Item 6456



**Item 6750**

**Consisting of:**

- 1 SEGUFIX®-Multi Belt Velcro®

**Component part:** item 6156  
(locks and keys not included)

**Sizes:** XS / S / M / L



The SEGUFIX®-Multi Belt (white label) is part of the SEGUFIX®-Transport Systems and are made of polyester.



# SEGUFIX®-Protective Cover



**Item 8013**

**Consisting of:**

- 1 SEGUFIX®-Protective Cover



# Anti-Slide-Mat



**Item 8017**

**Consisting of:**

- 1 Anti-Slide-Mat



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## 3 Locking Systems: Item 6256 / 6356 / 6456

### Intended use:

- Support belt with Velcro<sup>®</sup> fastener and eyelets for a lock
- For patients in chairs, armchairs and other compatible seats
- Also compatible with ambulance stretchers, or for support on shower chairs (without lock)
- Physically restraining patients



## With Velcro<sup>®</sup> fastener: Item 6750

### Intended use:

- Support belt with Velcro<sup>®</sup> fastener
- For patients in chairs, armchairs and other compatible seats
- Also compatible with ambulance stretchers, or for support on shower chairs
- For a secure hold, the Velcro<sup>®</sup> fastener must overlap at least 250 mm / 9.8 inches
- Not a restraint (note: some jurisdictions consider Velcro<sup>®</sup> products as a restraint, should the patient not be able to remove them without help)



## Instructions for use item 6256 / 6356 / 6456

**item 6156** (Component part)

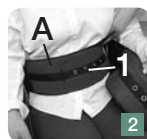
**item 6750** (with Velcro<sup>®</sup> fastener)

**Locks and keys see pages 6 and 7**

## How to attach the SEGUFIX<sup>®</sup>-Multi Belt to the seat and to the patient:

### SEGUFIX<sup>®</sup>-Multi Belt with Velcro<sup>®</sup> fastener and eyelets (item 6256 / 6356 / 6456):

- Insert the pin of the lock (1) through one of the eyelets of the pin flap.
- Wrap the Multi Belt (A) at waist height around backrest and patient, and close the Velcro<sup>®</sup> fastener.
- The Multi Belt (A) must fit snugly, but not impair breathing. An open hand should fit between waist belt and patient.
- Close the lock (1).
- Pull on the lock to test for a secure hold.



**SEGUFIX®-Multi Belt Velcro® (item 6750):**

- Wrap the Multi Belt (A) at waist height around backrest and patient, and close the Velcro® fastener.
- The Multi Belt (A) must fit snugly, but not impair breathing. An open hand should fit between waist belt and patient.
- Test the secure hold of the Velcro® fastener. To ensure a secure hold, the Velcro® must overlap at least 250 mm / 9.8 inches.



**How to release the belt from the patient and the seat:**

See page 7 on how to open the respective locking systems.

- Open the lock (1) – if applicable – and the Velcro® fastener.
- Remove the belt from patient and chair.

**Follow SEGUFIX®-Safety Information and Warnings on pages 8 - 11**

**WARNING:** Read the Safety Information prior to using the SEGUFIX®-Multi Belt.

- The SEGUFIX®-Multi Belt does not prevent chairs or stretchers from tipping over.
- The SEGUFIX®-Transport Belt System does not replace a vehicles seat belt system. It may only be used as additional support or for positioning of the patient.
- For more product info visit us online at [www.segufix.com](http://www.segufix.com) or [www.segufix-shop.com](http://www.segufix-shop.com)

SEGUFIX®-Multi Belt									Circumference	
Size	Item	kg	Item	kg	Item	kg	Compo- nent part	kg	Patient + backrest / stretcher	
									mm	inches
XS	6256	0,30	6356	0,33	6456	0,32	6156	0,24	1100 - 1500	43.3 - 59.1
S	6256	0,32	6356	0,35	6456	0,34	6156	0,27	1300 - 1700	51.2 - 67.0
M	6256	0,35	6356	0,38	6456	0,37	6156	0,30	1500 - 1900	59.1 - 74.8
L	6256	0,39	6356	0,42	6456	0,41	6156	0,35	1900 - 2300	74.8 - 90.6
XS	6750	0,20	–	–	–	–	–	–	1000 - 1350	39.4 - 53.2
S	6750	0,26	–	–	–	–	–	–	1200 - 1550	49.2 - 61.0
M	6750	0,25	–	–	–	–	–	–	1350 - 1750	53.2 - 68.9
L	6750	0,28	–	–	–	–	–	–	1750 - 2150	68.9 - 84.7

Size	Length of belt		Width of belt	
	mm	inches	mm	inches
XS	1600	63.0	140	5.5
S	1800	70.9	140	5.5
M	2000	78.7	140	5.5
L	2400	94.5	140	5.5

Tables: approximate measurements –  
about 8 % shrinkage possible  
(products are not pre-washed)

# SEGUFIX®-Protective Cover

## Item 8013

### Intended use:

The SEGUFIX®-Protective Cover protects these SEGUFIX®-Transport-Belts from staining:

#### - SEGUFIX®-Multi Belt

item 6256 / 6356 / 6456 / 6156 (component part) and item 6750 (Velcro®)

the Protective Cover **cannot** be used with a lock

#### - SEGUFIX®-Pelvic Belt

item 6266 / 6366 / 6466 / 6166 (component part) and item 6760 (snap lock)

the Protective Cover **can** be used with a lock

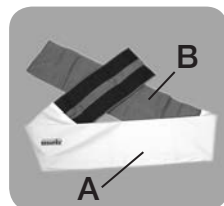


fig. Protective Cover and Pelvis Belt

## Instructions for use item 8013

- Pull the Protective Cover (A) over the belt (C) so that the green SEGUFIX® logo is visible.

Please refer to the instructions for the SEGUFIX®-Multi Belt or the SEGUFIX®-Pelvic Belt for the respective application.



## Follow SEGUFIX®-Safety Information and Warnings on pages 8 - 11

### Features:

- washable in hot wash cycles up to 95 °C
- autoclavable and bacteria resistant

### Material:

- 100 % Polyester
- coated with 100% Polyurethane

SEGUFIX®-Protective Cover				
Length		Width		Weight
mm	inches	mm	inches	kg
790	31.1	140	5.5	0,07

Table: approximate measurements  
(products are not pre-washed)

**WARNING:** Read the Safety Information prior to using the SEGUFIX®-Protective Cover.

- The Protective Cover cannot be pulled over a lock (e. g. Multi Belt).
- The SEGUFIX-Protective Cover does not prevent chairs or stretchers from tipping over.
- For more product info visit us online at [www.segufix.com](http://www.segufix.com) or [www.segufix-shop.com](http://www.segufix-shop.com)

# Anti-Slide-Mat

## Item 8017

### Intended use:

- Prevents weak patients from sliding off of their chair
- Great for use on chairs, care chairs, wheelchairs, in bed, office chairs etc.
- Allows for easy sliding in one direction, sliding in the other direction is prevented
- Not for restless patients
- The Anti-Slide-Mat does not work when wet or damp



## Instructions for use item 8017

- Place the Anti-Slide-Mat onto the seat with the arrow pointing towards the backrest.
- The Anti-Slide-Mat allows for easy sliding in the direction of the arrow. This helps moving the patient towards the backrest. It is hard to move against the direction of the arrow. Sliding off of the chair is limited.

The additional use of the SEGUFIX®-Pelvic Belt or SEGUFIX®-Multi Belt improves the function of the Anti-Slide-Mat.

## Follow SEGUFIX®-Safety Information and Warnings on pages 8 - 11

### Features:

- washable up to max. 80 °C
- no detergent, no bleach
- may not be disinfected
- after washing the Anti-Slide-Mat must be completely dry before use to ensure proper function
- suitable for dryer (low temperatures)
- weight capacity: 150 kg

### Material:

- consists of nylon



fig. Anti-Slide-Mat  
and Pelvis Belt

Anti-Slide-Mat		
Size		Weight
mm	inches	kg
370 x 430	14.6 x 16.9	0,28

Table: approximate measurements  
(products are not pre-washed)

**WARNING:** Read the Safety Information prior to using the Anti-Slide-Mat.

- The Anti-Slide-Mat does not prevent a chair from tipping over.
- Not suitable for restless patients.
- The Anti-Slide-Mat must be completely dry (e. g. after washing) to ensure proper function. Does not work when wet or damp.
- Weight capacity 150 kg.
- For more product info visit us online at [www.segufix.com](http://www.segufix.com) or [www.segufix-shop.com](http://www.segufix-shop.com)



## SEGUFIX®-Magnetic locking system black

Item	Consisting of:
1206	1 Magnetic Button black / segufix.com 1 Metal Pin
1208	1 Magnetic Key red
1204	1 Magnetic Button black / segufix.com
1205	1 Metal Pin
1209	1 Magnetic Key red with key ring



## Push locking system

Item	Consisting of:
1406	1 Push Button 1 Push Pin
1408	1 Push Lock Key
1404	1 Push Button
1405	1 Push Pin



## SEGUFIX®-Patent Twist locking system green

Item	Consisting of:
1306	1 Patent Twist Button green 1 Square Pin
1308	1 Patent Twist Key yellow
1304	1 Patent Twist Button green
1305	1 Square Pin

### Intended use of the Lock:

Closing of the SEGUFIX® systems.

### Intended use of the Key:

Quick release of the locks.

**Caution:** Each locking system only works with its own component parts and is not interchangeable with other locking systems.



**WARNING:** Read the Safety Information prior to using the SEGUFIX®-Locks and Keys.

- Do not submerge locks in any type of liquid. This can cause malfunction.
- Locks and keys must not be laundered.
- Test locks for proper function before each use.
- Examine the head of the pin for damage (wear and tear, rounding off or deformation).
- When closing the lock make sure that the button locks securely onto the pin. You should not be able to pull the button off of the pin.
- When opening locks, ensure movement between the upper and lower points of contact (item 1206). Therefore each lock can hold up to a maximum of 4 belt layers (exception: products with "r" or "f" in the item number have thicker belts. These allow for a maximum of 3 belt layers!). When using the Patent Twist Lock (item no. 1306) use no more than 4 belt layers. When using the Push Lock (item no. 1406) use no more than 3 belt layers.
- If damaged locks fail to open, straps can be cut with scissors or belt cutters.
- For more product info visit us online at [www.segufix.com](http://www.segufix.com) or [www.segufix-shop.com](http://www.segufix-shop.com)

## Instructions for use: SEGUFIX®-Locks and Keys

**Item 1206 / 1208** (SEGUFIX®-Magnetic locking system black)

**Item 1306 / 1308** (SEGUFIX®-Patent Twist locking system green)

**Item 1406 / 1408** (Push locking system)

### How to open the Locks:

#### Item 1206 / 1208

- Set the red Magnetic Key with a light push on top of the black Magnetic Lock.
- Lift both the Magnetic Key and the Magnetic Button off of the Metal Pin (fig. 1).



#### Item 1306 / 1308

- Set the yellow Magnetic Twist Key on top of the green Magnetic Twist Lock.
- Unlock the Patent Twist Lock by turning the Patent Twist Key, and then lift both the Patent Twist Key and the Patent Twist Button off of the Square Pin (fig. 3).



#### Item 1406 / 1408

- Push the two pins of the Push Lock Key into the holes on top of the Push Button to unlock.
- Lift both the Push Lock Key and the Push Button off of the Push Pin (fig. 2).



### How to close the Locks:

- Set the respective button with the opening onto the pin so that it locks in place.
- Now test the lock for a secure hold: You should not be able to pull the button off of the pin.

**Caution:** Each locking system only works with its own component parts and is not interchangeable with other locking systems.

**Follow SEGUFIX®-Safety Information and Warnings on pages 8 - 11**

The following instructions for use are only applicable to original SEGUFIX® products. Do not use the SEGUFIX®-Restraint and Positioning System until you have read and understood the instructions for use.

Only use up-to-date instructions and keep them in a safe and readily available location. Product and instruction must match. Failure to use this product properly can cause serious injury or death. Your patient's safety depends on your using the SEGUFIX® system correctly.

## 1. Requirements for use

It is the user's responsibility to comply with all national laws. Always consider restraining protocols of your work place and current legislation. The instructions for use must be adhered to.

SEGUFIX® products may only be used by individuals with proper training and knowledge of the product. Legal provisions and doctor's orders must be strictly observed! The attending physician must ensure, that the patient's medical condition allows the application of the SEGUFIX® system.

## 2. Intended use

SEGUFIX® products may only be used for the medical purposes, which they were designed for.

## 3. Remove dangerous objects

Remove all objects from the reach of the patient, which could lead to injury or may damage the belts (e.g. glasses, jewelry and sharp objects).

## 4. Inspect products before use



Inspect before each use for broken stitches, torn, worn out or frayed parts and damaged eyelets. Damaged products could malfunction and cause injury. Do not use damaged or worn out products.

## 5. When opening, locks may not be under tension

When opening locks, ensure movement between the upper and lower points of contact (item 1206). Therefore each lock can hold up to a maximum of 4 belt layers (exception: products with "r" or "f" in the item number have thicker belts. These allow for a maximum of 3 belt layers!). When using the Patent Twist Lock (item 1306) use no more than 4 belt layers. When using the Push Lock (item 1406) use no more than 3 belt layers.





## 6. Always attach Side Positioning Straps

The SEGUFIX®-Standard must always be used with the Side Positioning Straps attached. Side Positioning Straps prevent the patient from helicoptering in bed or from getting over the edge of the bed causing compression of the chest, possibly resulting in death.

In some cases it is possible that patients get over the edge of the bed even with the Side Positioning Straps attached and the side rails in the up position. In these cases additional restraint measures must be taken.

Important: Insert the Side Positioning Straps through the respective loops (according to instructions) before securing them to the bed belt.

## 7. Beds, chairs and stretchers

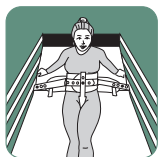
- Only use SEGUFIX® products on beds, stable chairs and stretchers that allow the product to be attached to, in accordance with the instructions.
- Products must be attached in such manner, that they cannot get out of place.
- Note that straps and moving mechanics of beds, stretchers or chairs (or alternating pressure pads and the like), may interfere with each other causing damage, loss of function and injury.
- The attachment points must be free of sharp edges.
- SEGUFIX® products do not prevent beds, chairs or stretchers from tipping over or from unintended movement.

Helpful hints:

European standards for beds: DIN EN 60601-2-52

European standards for wheelchairs: DIN EN 12182 and DIN EN 12183

## 8. All side rails must be in the up position



To prevent accidents always lock side rails in the up position (exception: 5-point-restraint).

Caution: Do not use with parted side rails except with a gap protector that effectively prevents the patient from slipping through the gap. An open gap could allow the patient to slip through even with the restraint fastened possibly causing compression of the chest.

## 9. Monitor patients in restraints



Patients in restraints require frequent monitoring.

Aggressive, agitated or restless patients and patients in danger of aspiration require constant monitoring.

## 10. Test closure-systems prior to each use



Check SEGUFIX®-Magnetic Locks black/segufix.com, SEGUFIX®-Patent Twist Locks green, Push Locks, Snap Locks, Velcro® Fasteners and Buckle Locks for a secure hold.

Do not submerge locks in any type of liquid. This may cause malfunction. If damaged locks fail to open, straps can be cut with scissors or belt cutters. Check the head of the pin for signs of wear and tear (rounding off

or deformation).

## 11. Pacemaker Warning



A distance of 10 cm (4 inches) must be maintained between a patient's pacemaker and magnetic locks and keys to prevent the pacemaker from possible malfunction (alternatively use Push Locks).

For possible interference of strong magnets with other patient implants please refer to manufacturer's instructions of these products.

## 12. Test products for correct attachment

Frequently check products for correct attachment. The straps must be secured to the frame of the bed (or the folding part of the frame of the bed) in such a way, that they cannot slide out of place.

## 13. Only use original SEGUFIX® products

For safety reasons SEGUFIX® products must not be altered or be combined with third party products.

## 14. Use of SEGUFIX® products in vehicles



The SEGUFIX®-Transport Belt System does not replace the vehicle's legally required seat belt system. SEGUFIX®-Transport Belts may only be used as additional support or for restraint of a patient. Make sure that the patient can be rescued quickly in case of emergency (e.g. clearly visible and handy belt cutters).

## 15. Secure but not too tight

The restraints must be fastened tightly, but not interfere with breathing or blood circulation. Loosely fastened products may jeopardize the patient's safety. Frequently check products for correct position.

## 16. Storage

To prolong product life store belts and locking systems in dry and dark conditions at about 20 °C.



## 17. Flammability of SEGUFIX®-Bed Restraints



According to DIN EN 71-2 section 4.3 non-flammable.

According to DIN 75200 the burning rate is zero.

However, products may not come in contact with cigarettes or be exposed to open flame, as this could permanently damage the products, and this could lead to injury.

## 18. Correct sizing

Choosing the right size is of essential importance. Make sure that the size matches body and waist sizes (refer to sizing tables). Products that are too small or too large compromise the patient's comfort and safety.

## 19. Disposal

Carton and plastic wrapping can be disposed of in recyclable disposal, defective products in household garbage.

## 20. Declaration of conformity

For the declaration of conformity please visit:

[https://www.segufix.com/conformity\\_en.php](https://www.segufix.com/conformity_en.php)

## 21. Expert recommendation to prevent accidents

(Prof. Dr.-Ing. U. Boenick, TU-Berlin)

1. Always use Side Positioning Straps
2. Lock non-parted side rails in the up position  
(exception: five-point-restraint)
3. The use of additional restraint elements may be necessary to eliminate bed egress.

## 22. Ensure prior to each use

- Test locks for a secure hold
- Visual inspection of belts, straps and eyelets
- Ensure sufficient medical indication
- Check legal requirements

# Care Instructions

- **SEGUFIX®-Restraints** (white) are made of a cotton/rayon mix and are washable in hot wash cycles up to 95 °C. Lower temperature and laundry nets will prolong product life. Avoid methods that might bend metal parts of the system (e.g. laundry line, dry pressing, rotary irons), eyelets may be damaged.  
Not pre-washed, up to 8 % shrinkage. Store in a dry place.  
Detergents: non-aggressive, no fabric softener, no bleach.  
Dryer: delicate cycle at low temperature and preferably in the laundry net.  
Disinfection: may be disinfected using chemothermal disinfection washing procedure.  
Overdosing can damage the product.
- **SEGUFIX®-Transport Belts** (coloured/black) are made of polyester and are washable in warm wash cycles up to 30 °C.  
Avoid methods that might bend metal parts of the system (e.g. laundry line, dry pressing, rotary irons), eyelets may be damaged. Store in a dry place.  
Detergents: non-aggressive, no fabric softener, no bleach.  
Dryer: delicate cycle at low temperature and preferably in the laundry net.
- **SEGUFIX®-Locks and metal pins**: remove all locks and metal pins before washing or drying. Laundering will damage locks and possibly cause them to fail. Locks may be cleaned with a damp cloth. Never submerge locks in any type of liquid.
- **Velcro® Fastener**: fasten before washing and drying to prevent lint buildup. Occasionally use a stiff brush to remove lint from Velcro® Fastener. Even with normal use, Velcro® material has the tendency to collect lint. This can reduce the grip strength. Before each use, test grip strength of the Velcro® Fastener.
- **Durability**: depends on the intensity of use and is prolonged by gentle laundry procedures (detergent/laundry net).

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