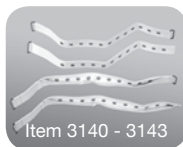


# SEGUFIX®-Extension Belts



**Item 3240 - 3244**  
**Item 3340 - 3344**  
**Item 3440 - 3444**



**Consisting of:**  
 1 SEGUFIX®-Extension Belt  
 1 SEGUFIX®-Lock  
 1 SEGUFIX®-Key

**Versions:** basic version / r



**Item 3745**  
**Consisting of:**  
 1 SEGUFIX®-Extension Belt  
 with snap lock

3 Versions → SEGUFIX®-Locks:		
1206 / 1208	1306 / 1308	1406 / 1408
Item 3240 - 3244	Item 3340 - 3344	Item 3440 - 3444

**Component parts:** item 3140 - 3144  
 (locks and keys not included)

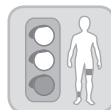


The SEGUFIX®-Extension Belts (blue label) are made from a cotton/rayon mix.

# SEGUFIX®-Brace Strap for legs



**Item 3110/r**  
**Consisting of:**  
 1 SEGUFIX®-Brace Strap for legs  
 (locks and keys not included)



The SEGUFIX®-Brace Strap for legs (green label) is made from a cotton/rayon mix.

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Versions – Item no. / identification	
Item no. / Version	Product features
...	Basic version
.../r	Eyelet strap reinforced for higher demands

# SEGUFIX®-Extension Belts

## 3 Locking Systems:

**Item 3240 - 3244** (with SEGUFIX®-Magnetic locking system black)

**Item 3340 - 3344** (with SEGUFIX®-Patent Twist locking system green)

**Item 3440 - 3444** (with Push locking system)

## Intended use:

- Extension belts for attachment on wider beds or backrests
- Do not use to alter the size of products (abdominal girth)

## Instructions for use item

**Item 3240 / 3241 / 3242 / 3243 / 3244**

**Item 3340 / 3341 / 3342 / 3343 / 3344**

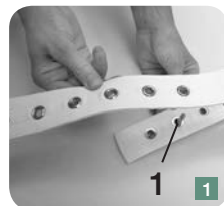
**Item 3440 / 3441 / 3442 / 3443 / 3444**

**Item 3140 / 3141 / 3142 / 3143 / 3144** (component parts)

Locks and keys see pages 6 and 7

## How to extend suitable straps/belts of the SEGUFIX® system:

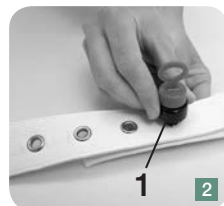
- Place the Extension Belt and the belt/strap you wish to extend with the corresponding eyelets on top of each other.
- Push the pin of the lock (1) through both eyelets.
- Close the lock (1).
- Pull on the lock to test for a secure hold.



## How to release from the Extension Belt:

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

- Open the lock (1) and lift the belt/strap off of the pin.



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

**WARNING:** Read the Safety Information prior to using the SEGUFIX®-Extension Belts.

- Do not use SEGUFIX®-Extension Belts to alter the size of products (abdominal girth).
- 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)



**Item 3240 / 3340 / 3440 and 3140**

12 eyelets, **with** pin pocket  
2 metal loops



**Item 3241 / 3341 / 3441 and 3141**

12 eyelets, **without** pin pocket  
2 metal loops



**Item 3242 / 3342 / 3442 and 3142**

12 eyelets, **with** pin pocket  
1 metal loop



**Item 3243 / 3343 / 3443 and 3143**

12 eyelets, **without** pin pocket  
1 metal loop



**Item 3244 / 3344 / 3444 and 3144**

24 eyelets, **without** pin pocket  
**without** metal loop

SEGUFIX®-Extension Belts								Width of belt		Total length	
Item	kg	Item	kg	Item	kg	Component part	kg	mm	inches	mm	inches
3240	0,19	3340	0,21	3440	0,21	3140	0,15	45	1.8	650	25.6
3240/r	0,24	3340/r	0,22	3440/r	0,22	3140/r	0,16	45	1.8	650	25.6
3241	0,16	3341	0,18	3441	0,18	3141	0,12	45	1.8	650	25.6
3241/r	0,23	3341/r	0,19	3441/r	0,19	3141/r	0,13	45	1.8	650	25.6
3242	0,23	3342	0,20	3442	0,20	3142	0,14	45	1.8	650	25.6
3242/r	0,19	3342/r	0,21	3442/r	0,21	3142/r	0,15	45	1.8	650	25.6
3243	0,20	3343	0,17	3443	0,17	3143	0,11	45	1.8	650	25.6
3243/r	0,22	3343/r	0,24	3443/r	0,24	3143/r	0,18	45	1.8	650	25.6
3244	0,26	3344	0,23	3444	0,23	3144	0,17	45	1.8	1200	47.2
3244/r	0,29	3344/r	0,26	3444/r	0,26	3144/r	0,20	45	1.8	1200	47.2

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

# SEGUFIX®-Extension Belt with Snap Lock

## Item 3745

### Intended use:

- Extends attaching straps of SEGUFIX®-Chair Belts with snap lock
- Only compatible with snap lock products
- To fit wider backrests



## Instructions for use item 3745

Use the Extension Belt with Snap Lock as a connection between the ends of the attaching straps of the Chair Belt. Suitable to extend SEGUFIX®-Chair Belt Velcro®, Chair Belt, Chair Belt with Crotch Strap and Chair Belt with Thigh Straps.

### How to extend suitable straps/belts with snap lock:

- Before attaching the Chair Belt to the chair, push the respective ends of the snap locks (Chair Belt and Extension Belt) together. Then push the remaining parts of the snap lock together, and pull the strap tight.
- The Chair Belt must be attached tightly to the backrest and must not shift.
- Test the snap locks for a secure hold. Make sure the snap locks are latched together and cannot be pulled apart.



### How to release the belts:

- Open the snap locks and release the belts.

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

**WARNING:** Read the Safety Information prior to using the Extension Belts with snap lock.

- Snap locks hold up to 70 kg.

Total length		Width of belt		Weight
800 mm	31.5 inches	45 mm	1.8 inches	0,09 kg

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

### How to thread the strap through the snap lock:

- Point the hooks of the snap lock at the other part of the snap lock.
- From bottom to top direct the strap through the opening next to the hooks. Pull the strap over the middle part and then down through the other opening of the snap lock.
- Slide the snap lock into the desired position.

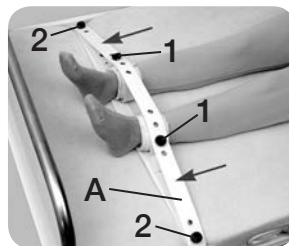


# SEGUFIX®-Brace Strap for legs

## Item 3110/r

### Intended use:

- Further restricts movement of legs. Compatible with the SEGUFIX®-Foot Restraint, SEGUFIX®-Thigh Restraint and SEGUFIX®-Quick Restraint Foot.
- Physically restraining patients



## Instructions for use item 3110/r

Locks and keys see pages 6 and 7

### How to attach the Brace Strap for legs to the patient:

First install the SEGUFIX®-Foot Restraint, Thigh Restraint or Quick Restraint Foot to bed and patient. Please refer to the applicable instructions.

- Open the locks (1) of the Foot Restraint, Thigh Restraint or Quick Restraint Foot.
- Lay the Brace Strap for legs (A) with the middle eyelets over the pins of the locks (1).
- Close the locks (1).
- Now open the locks (2).
- Attach the outer eyelets of the Brace Strap for legs (A) over the pins of the locks (2).
- Close the locks (2).
- The Brace Strap for legs should be tight, but not restrict blood circulation.
- Pull on each lock to test for a secure hold. Then lock bed side rails in an up position.

### How to release the Brace Strap for legs from the patient:

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

- To release the strap open the locks (2 and 1) and lift the belt off of the pins.
- Now close the locks (1 and 2) again and remove the strap from the bed.

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

**WARNING:** Read the Safety Information prior to using the SEGUFIX®-Brace Strap for legs.

- Attaching the Brace Strap for legs to the reinforced version of compatible products requires an additional lock on each side. Otherwise the lock would have to hold to many layers of belt.
- When removing the Brace Strap for legs, the locks (2) must be opened first. Otherwise the locks (1) may come under tension and be difficult to open or not open at all.
- 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)

Total length		Width of belt		Weight
1240 mm	48.8 inches	45 mm	1.8 inches	0,19 kg

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



## 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



## 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.



## 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



### **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

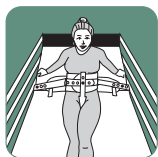
- Only use SEGUFIX® products on beds, stable chairs and stretchers that allow the product to be attached to, in accordance with the instructions.
- Products must be attached in such manner, that they cannot get out of place.
- Note that straps and moving mechanics of beds, stretchers or chairs (or alternating 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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