SEGUFIX®-Transport Waist Belt

Item 6216 / Item 6316 / Item 6416

Consisting of:
1 SEGUFIX®-Transport
   Waist Belt, padded
1 SEGUFIX®-Lock
1 SEGUFIX®-Key

3 Versions ➤ SEGUFIX®-Locks:		
1206 / 1208	1306 / 1308	1406 / 1408
Item 6216	Item 6316	Item 6416

Item 6710

Consisting of:
1 SEGUFIX®-Transport Waist
   Belt Velcro®, padded

Component part: item 6116
(locks and keys not included)

Sizes: S / M / L

SEGUFIX®-Suspender Belt

Item 6720

Consisting of:
1 SEGUFIX®-Suspender Belt (with snap lock)

Sizes: S / M

SEGUFIX®-Backrest Strap

Item 6730

Consisting of:
1 SEGUFIX®-Backrest Strap (with Velcro® fastener)

Sizes: S / M / L / XL

The SEGUFIX®-Transport Waist Belt, Suspender Belt and Backrest Strap (white label)
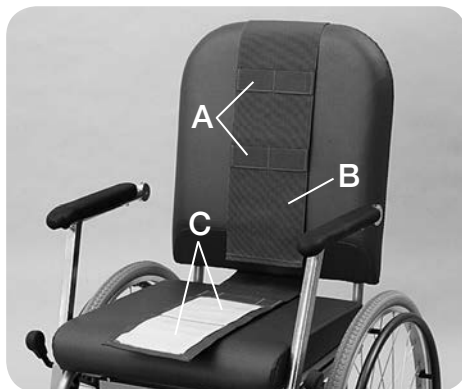are part of the SEGUFIX®-Transport System and are made of polyester.

30°

C E

SEGUFIX®-Suspender Belt

Intended use:
- Required to attach the SEGUFIX®-Transport Waist Belt and the SEGUFIX®-Suspender Belt to the backrest
- A gap between backrest and seat is required, the backrest must be solid.
- Attaches to the backrest with Velcro® fastener
- For a secure hold, the Velcro® fastener must overlap at least 250 mm / 9.8 inches

Instructions for use item 6730

How to attach the SEGUFIX®-Backrest Strap to the chair:

- Insert the backrest strap (B) – with the fluffy part of the Velcro® fastener facing up – **from front to back** through the gap between backrest and seat, and wrap it vertically around the backrest.
- Close the Velcro® fastener. The strap must be attached very tightly to the backrest.
- The small loops (A) are facing forward, and the two large loops (C) are facing the backrest.
- Test the secure hold of the Velcro® fastener. The Velcro® must overlap at least 250 mm / 9.8 inches.

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

WARNING: Read the Safety Information prior to using the SEGUFIX®-Backrest Strap.
- The SEGUFIX®-Suspender Belt does not prevent a chair from tipping over.
- Do not use on folding wheelchairs with a soft backrest.
- 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 or www.segufix-shop.com

SEGUFIX®-Backrest Strap					
Size	Weight	Width of strap		Circumference of backrest (vertical)	
	kg	mm	inches	mm	inches
S	0,36	180	7.1	780 - 1030	30.7 - 40.6
M	0,40	180	7.1	980 - 1230	38.6 - 48.4
L	0,44	180	7.1	1180 - 1430	46.5 - 56.3
XL	0,48	180	7.1	1420 - 1680	55.9 - 66.1

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

SEGUFiX®-Transport Waist Belt

Intended use:
- To support patients in wheelchairs with a solid backrest, automobiles and other compatible seats
- SEGUFIX®- Backrest Strap required
- SEGUFIX®-Suspender Belt if necessary
- Physically restraining patients

Intended use:
- To support patients in wheelchairs with a solid backrest, automobiles and other compatible seats
- SEGUFIX®- Backrest Strap required
- SEGUFIX®-Suspender Belt if necessary
- For a secure hold, the Velcro® fastener must overlap at least 250 mm / 9.8 inches
- Not a restraint (note: some jurisdictions consider Velcro® products as a restraint, should the patient not be able to remove them without help)

Instructions for use item 6216 / 6316 / 6416 / 6116 (Component part) and item 6710 (with Velcro® fastener)

Locks and keys see pages 6 and 7
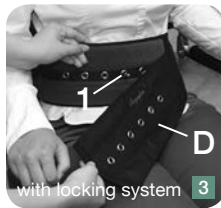
How to attach the SEGUFIX®-Transport Waist Belt to the Backrest Strap:

- The SEGUFIX®-Backrest Strap is attached (see instructions on page 2).
- Pull the Transport Waist Belt (D) at waist height and with the SEGUFIX® print facing the backrest through one of the large loops (C) of the Backrest Strap.

How to fasten the waist belt to the patient:

- Wrap the Transport Waist Belt (D) around the patient's waist and close the Velcro® fastener.
- The waist belt must fit snugly, but not impair the patient's breathing. An open hand should fit between waist belt and patient.
- In addition the waist belt with eyelets may be secured with a lock (fig. 3).
- Test the secure hold of the Velcro® fastener. The Velcro® fastener must over-lap at least 250 mm / 9.8 inches. When used with a lock, test the lock for a secure hold.

with Velcro® fastener **2**

with locking system **3**

SEGUF:X®-Transport Waist Belt

How to release the restraint and remove it:

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

- Open the lock (1) – if applicable – or the Velcro® fastener.
- Open waist belt (Velcro®, and lock if applicable) to release the patient, and remove belt from the loop.
- Open the SEGUFIX®-Backrest Strap, and remove it from the chair.

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

WARNING: Read the Safety Information prior to using the SEGUFIX®-Transport Waist Belt.
- The SEGUFIX®-Transport Waist Belt does not prevent a chair 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 or www.segufix-shop.com

SEGUFIX®-Transport Waist Belt								Width of waist belt		Waist girth	
Size	Item	kg	Item	kg	Item	kg	Compo-nent part	kg	mm	inches	mm	inches
S	6216	0,24	6316	0,30	6416	0,30	6116	0,22	130	5.1	380 - 780	15.0 - 30.7
M	6216	0,30	6316	0,36	6416	0,36	6116	0,26	130	5.1	700 - 1090	27.6 - 42.9
L	6216	0,34	6316	0,40	6416	0,40	6116	0,30	130	5.1	1070 - 1480	42.1 - 58.3
S	6710	0,16	–	–	–	–	–	–	130	5.1	440 - 650	15.0 - 30.7
M	6710	0,20	–	–	–	–	–	–	130	5.1	650 - 920	27.6 - 42.9
L	6710	0,24	–	–	–	–	–	–	130	5.1	900 - 1300	42.1 - 58.3

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

Size table: SEGUFIX®-Suspender Belt

SEGUFIX®-Suspender Belt						
Size	Weight	Width of strap		Length of strap		Torso girth	
	kg	mm	inches	mm	inches	mm	inches
S	0,28	50	2.0	1350	53.2	890 - 1280	35.0 - 50.4
M	0,38	50	2.0	2010	79.1	1050 - 1950	41.3 - 76.8

Use size M for patients taller than 1400 mm / 55.1 inches.

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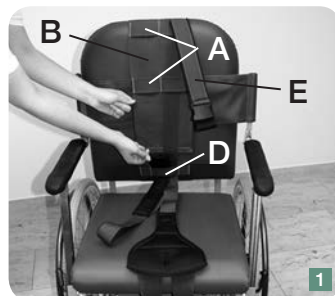(products are not pre-washed)

Example of use:
SEGUFIX®
- Backrest Strap
- Suspender Belt
- Transport Waist Belt

SEGUFIX®-Suspender Belt
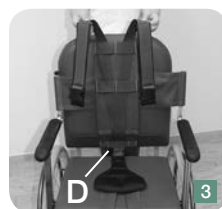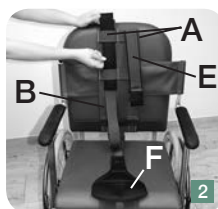
Item 6720

Intended use:
- to support patients in wheelchairs with a solid backrest, automobiles and other compatible seats
- holds the patient in an upright position, prevents patient from sliding down
- SEGUFIX®-Backrest Strap required
- SEGUFIX®-Transport Waist Belt required
- not a restraint (note: some jurisdictions consider products with snap locks as a restraint, should the patient not be able to remove them without help)

Instructions for use item 6720

How to attach the SEGUFIX®-Suspender Belt to the SEGUFIX®-Backrest Strap:

- The backrest strap (B) is attached.
- The Backrest Strap has small loops (A and D) to attach the Suspender Belt.
- Insert the padded shoulder straps (E) **from the bottom up**, through the single small loop (D) and then each shoulder strap through each of the loops (A), right and left. To prevent the Backrest Strap from becoming undone, it is important not to skip the small loop (D).
- The two top loops (A) of the Backrest Strap should be positioned at patient's shoulder height, to ensure an upright seating position.

How to attach the SEGUFIX®-Suspender Belt to the patient:

- Let the patient sit on the chair with the hip as close as possible against the backrest.
- Make sure that the crotch pad is positioned comfortably.
- Bring the respective ends of the padded shoulder straps (E) together in front of the patient's chest.
- Close the snap locks (1) and pull the straps tight.
- The Suspender Belt must fit snugly, but not impair breathing.
- Test the snap locks for a secure hold. Make sure they cannot be pulled apart.
- Subsequently the SEGUFIX®-Transport Waist Belt <u>must</u> be fastened (see pages 3 - 4).

How to release the Belt and remove it:

- Undo the snap locks (1), and pull straps from the loops (A and D) to remove them from patient and chair.

Size table of the Suspender Belt, please see page 4

SEGUFIX®-Locks and Keys

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

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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 then 4 belt layers. When using the Push Lock (item no. 1406) use no more then 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 or 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 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).

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).

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

SEGUFIX®-Safety Information

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 then 4 belt layers. When using the Push Lock (item 1406) use no more then 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.
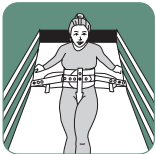
7. Beds, chairs and stretchers

- 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.

SEGUFIX®-Safety Information

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

21. Expert recommandation 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).

All requests concerning this must be directed at: