

SEGUFIX®-Foot Restraint



Item 2205 / Item 2305 / Item 2405

Consisting of:

- 2 SEGUFIX®-Foot Straps
- 1 SEGUFIX®-Connecting Belt
- 4 SEGUFIX®-Locks (key not included)

Component parts:

- (locks and keys not included)
- Item 2105 (for one foot)
- Item 2005 (Connecting Belt)

Versions: basic version / b / e / r

Sizes: S / M / L / XL



Item 2705 Foot Restraint Velcro®

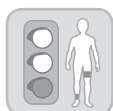
Consisting of:

- 2 SEGUFIX®-Foot Straps Velcro®
 - 1 SEGUFIX®-Connecting Belt (item 2905)
- (both products with buckle lock)

Component parts:

- Item 2805 (for one foot)
- Item 2905 (Connecting Belt)

Sizes: S / M



The SEGUFIX®-Foot Restraint (green label) is part of the SEGUFIX®-Bed Restraint System and made from a cotton/rayon mix.

3 Versions → SEGUFIX®-Locks:

1206 / 1208	1306 / 1308	1406 / 1408
Item 2205	Item 2305	Item 2405

Table of Contents	Page
SEGUFIX®-Foot Restraint with lock – Instructions	2 - 3
SEGUFIX®-Foot Restraint Velcro® – Instructions	4 - 5
Overview table: all versions, sizes, measurements and weights	5
SEGUFIX®-Locks and Keys	6 - 7
SEGUFIX®-Safety Information	8 - 11
Instructions for Care and Imprint	12

Versions – Item no. / identification					
Item no. Version	Product features	Span width* (with eyelets)		Span width* (Velcro®)	
		mm	inches	mm	inches
...	Attachment strap: medium	1200 - 1450	47.2 - 57.1	950 - 1540	37.4 - 60.6
.../b	Attachment strap: short	1000 - 1200	39.4 - 47.2	920 - 1330	36.2 - 52.4
.../e	Attachment strap: long	1450 - 1700	57.1 - 66.9	950 - 1800	37.4 - 70.9
.../r	Eyelet strap reinforced for higher demands				

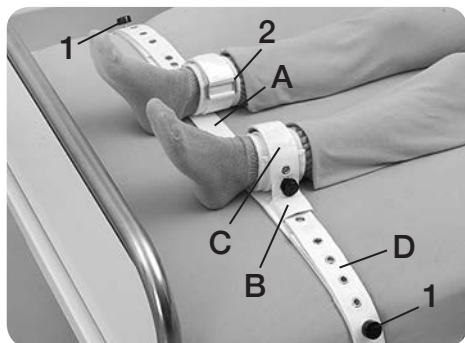
*Span width: distance between the bed's attachment points / length Velcro® products: without eyelets
approx. measurements – about 8 % shrinkage possible (products are not pre-washed)

SEGUFIX®-Foot Restraint

3 Locking Systems:
Item 2205 / 2305 / 2405

Intended use:

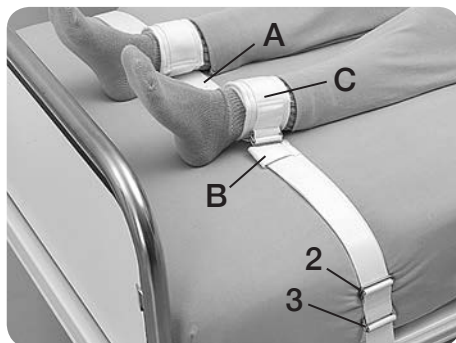
- Gradually adjustable restraint from loose to tight of one or both feet in bed
- Physically restraining patients (e.g. pathology or disability that requires restraint in a defined position in bed to restrict patients from harming themselves or care givers, e.g. anxiety disorders)



With Velcro® fastener /Buckle lock:
Item 2705

Intended use:

- Gradual positioning from loose to tight of one or both feet in bed
- Not a restraint (note: some jurisdictions consider Velcro® products as a restraint, should the patient not be able to remove them without help)

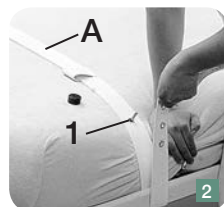
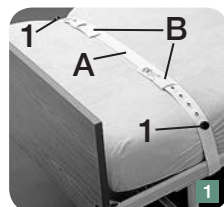


Instructions for use item 2205 / 2305 / 2405 / 2105 and 2005

Locks and keys see pages 6 and 7

How to attach the Connecting Belt to the bed:

- Insert the pin of the lock (1) through one of the eyelets of the pin flaps.
- Lay the Connecting Belt (A) on the bed at the height of the patient's ankles, with the loops (B) facing up.
- Direct the end of the Connecting Belt (A) from inside out around the bed frame or the frame of the folding part of the bed. Attach the Connecting Belt (A) in such manner that it cannot slide along the bed frame. Be sure to pull the Connecting Belt (A) firmly down and then up around the frame. Then lay the Connecting Belt tightly with one eyelet over the pin of the lock (1).
- Close the lock (1).
- Install the other end of the Connecting Belt in the same manner.
- Ensure that the Connecting Belt is installed very tightly to the bed.



How to fasten the Foot Strap to the ankle:

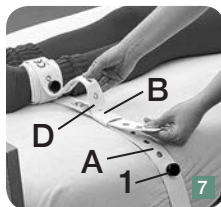
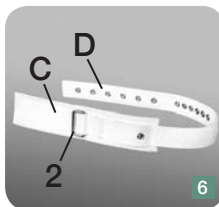
- Insert the pin of the lock (3) through the eyelet of the pin flap.
- Lay the foot strap (C) with the padding facing up and pointing towards the center of the bed, and wrap it tightly around the patient's ankle.
- Insert the eyelet strap (D) through the metal loop (2) and pull it tightly back over the metal buckle.
- Lay the eyelet strap (D) tightly with an eyelet over the pin (3).
- Close the lock (3).
- The cuff of the foot strap should be snug but should not restrict blood circulation.



How to attach the Foot Strap to the Connecting Belt:

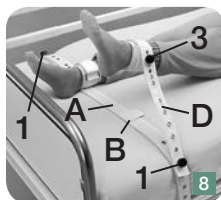
Restraining the foot in an tight position:

- Insert the eyelet strap (D) of the foot strap through the loop (B) towards the edge of the bed.
- Open the lock (1) and lay the eyelet strap with an eyelet tightly over the pin of the lock.
- Close the lock (1).
- Install the other foot strap in the same manner.
- Pull on each lock to test for a secure hold. Then lock bed side rails in an up position.



Restraining the foot gradually from tight to slack:

- Open the lock (1) of the Connecting Belt (A).
- Lay the eyelet strap (D) over the pin of the lock (1) without using the loop (B) of the Connecting Belt. The desired mobility can be adjusted by selecting one of the many eyelets accordingly.
- Close the lock (1).
- Pull on each lock to test for a secure hold. Then lock bed side rails in an up position.



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

How to release the restraint and remove it from bed:

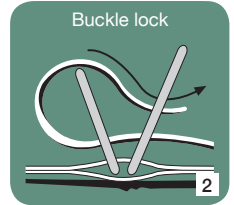
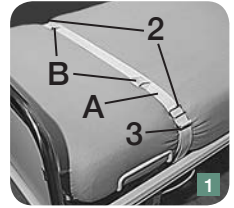
See page 7 on how to open the respective locking systems.

- Open the locks (1) of the Connecting Belt and remove the straps from the pin.
- Open the locks (3) of the foot cuffs and remove them from the patient.
- Then remove the Connecting Belt (A) from the bed.

Instructions for use item 2705, 2805 and 2905

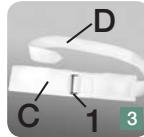
How to attach the Connecting Belt to the bed:

- Lay the Connecting Belt (A) on the bed at the height of the patient's ankles, with the loops (B) facing up.
- Direct the end of the Connecting Belt (A) from inside out around the bed frame or the frame of the folding part of the bed. Attach the Connecting Belt (A) in such manner that it cannot slide along the bed frame. Be sure to pull the Connecting Belt (A) firmly down and then up around the frame.
- Insert the end of the Connecting Belt through the buckle lock and pull tight.
- Install the other end of the Connecting Belt in the same manner.
- Ensure that the Connecting Belt is attached very tightly to the bed.



How to fasten the Foot Strap to the ankle:

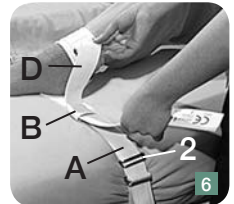
- Wrap the foot cuff (C) with the padding facing up and pointing towards the center of the bed tightly around the patient's ankle.
- Insert the strap (D) through the buckle lock (1) and pull tight.
- The cuff of the foot strap should be snug but should not restrict blood circulation.



How to attach the Foot Strap to the Connecting Belt:

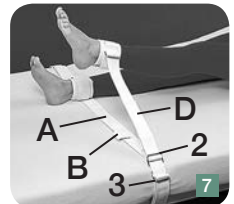
Restraining the foot in an tight position:

- Insert the strap (D) of the foot strap through the loop (B) towards the edge of the bed.
- Pull the strap tight and attach it to the buckle lock (2) of the Connecting Belt (A).
- Install the other foot strap in the same manner.
- Test the buckle lock for a secure hold.
Then lock bed side rails in an up position.



Restraining the foot gradually from tight to slack:

- Attach the strap (D) directly to the buckle lock (2) of the Connecting Belt (A), without using the loop (B) of the Connecting Belt. Now the desired mobility may be adjusted infinitely.
- Test the buckle lock for a secure hold.
Then lock bed side rails in an up position.



How to release the restraint and remove it from bed:

- Undo the buckle locks (2 and 1), open Velcro® fasteners, and remove the restraint.
- Undo the buckle locks (3) and remove the Connecting Belt from the bed.

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

WARNING: Read the Safety Information prior to using the SEGUFIX®-Foot Restraint.

- The SEGUFIX®-Foot Restraint with Velcro® fastener is not a restraint. It is possible for the patient to open the Velcro® fastener and buckle lock. Note: some jurisdictions consider Velcro® products as a restraint, should the patient not be able to remove them without help.
- Note that attachment straps and moving mechanics of the bed or mattress may interfere with each other, causing damage, loss of function and injury.
- For more product info visit us online at www.segufix.com or www.segufix-shop.com

SEGUFIX®-Foot Restraint									Span width* (with eyelets)	
Size	Item	kg	Item	kg	Item	kg	Connecting Belt	kg	mm	inches
S	2205	0,66	2305	0,75	2405	0,75	2005	0,24	1200 - 1450	47.2 - 57.1
M	2205	0,78	2305	0,82	2405	0,82	2005	0,28	1200 - 1450	47.2 - 57.1
L	2205	0,80	2305	0,84	2405	0,84	2005	0,28	1200 - 1450	47.2 - 57.1
S	2205/b	0,68	2305/b	0,77	2405/b	0,77	2005/b	0,20	1000 - 1200	39.4 - 47.2
M	2205/b	0,74	2305/b	0,82	2405/b	0,82	2005/b	0,24	1000 - 1200	39.4 - 47.2
L	2205/b	0,76	2305/b	0,84	2405/b	0,84	2005/b	0,24	1000 - 1200	39.4 - 47.2
S	2205/e	0,73	2305/e	0,82	2405/e	0,82	2005/e	0,30	1450 - 1700	57.1 - 66.9
M	2205/e	0,84	2305/e	0,88	2405/e	0,88	2005/e	0,34	1450 - 1700	57.1 - 66.9
L	2205/e	0,85	2305/e	0,89	2405/e	0,89	2005/e	0,36	1450 - 1700	57.1 - 66.9
S	2205/r	0,73	2305/r	0,82	2405/r	0,82	2005/r	0,24	1200 - 1450	47.2 - 57.1
M	2205/r	0,84	2305/r	0,88	2405/r	0,88	2005/r	0,34	1200 - 1450	47.2 - 57.1
L	2205/r	0,86	2305/r	0,90	2405/r	0,90	2005/r	0,34	1200 - 1450	47.2 - 57.1
XL	2205/r	0,88	2305/r	0,92	2405/r	0,92	–	–	1200 - 1450	47.2 - 57.1
S	2205/rb	0,74	2305/rb	0,83	2405/rb	0,83	2005/rb	0,28	1000 - 1200	39.4 - 47.2
M	2205/rb	0,84	2305/rb	0,88	2405/rb	0,88	2005/rb	0,34	1000 - 1200	39.4 - 47.2
L	2205/rb	0,86	2305/rb	0,90	2405/rb	0,90	2005/rb	0,34	1000 - 1200	39.4 - 47.2
XL	2205/rb	0,88	2305/rb	0,92	2405/rb	0,92	–	–	1000 - 1200	39.4 - 47.2
S	2205/re	0,79	2305/re	0,88	2405/re	0,88	2005/re	0,32	1450 - 1700	57.1 - 66.9
M	2205/re	0,90	2305/re	0,94	2405/re	0,94	2005/re	0,40	1450 - 1700	57.1 - 66.9
L	2205/re	0,92	2305/re	0,96	2405/re	0,96	2005/re	0,38	1450 - 1700	57.1 - 66.9
XL	2205/re	0,94	2305/re	0,98	2405/re	0,98	–	–	1450 - 1700	57.1 - 66.9

SEGUFIX®-Foot Restraint / Foot Restraint Velcro®				
Size	Width of strap		Ankle girth	
	mm	inches	mm	inches
S	45	1.8	170 - 250	6.7 - 9.8
M	45	1.8	220 - 300	8.7 - 11.8
L	45	1.8	270 - 330	10.6 - 13.0
XL	45	1.8	300 - 380	11.8 - 15.0

SEGUFIX®-Connecting Belt			
(item 2005 / item 2905, with buckle lock)			
Size	Spacing between loops		Number of loops
	mm	inches	
S	210 - 320	8.3 - 12.6	4
M	320	12.6	2
L	400	15.8	2

SEGUFIX®-Foot Restraint Velcro®					Span width* (Velcro®)	
Size	Item	kg	Connecting Belt	kg	mm	inches
S	2705	0,60	2905	0,36	950 - 1540	37.4 - 60.6
M	2705	0,68	2905	0,36	950 - 1540	37.4 - 60.6
S	2705/b	0,58	2905/b	0,32	920 - 1330	36.2 - 52.4
M	2705/b	0,60	2905/b	0,32	920 - 1330	36.2 - 52.4
S	2705/e	0,62	2905/e	0,40	950 - 1800	37.4 - 70.9
M	2705/e	0,70	2905/e	0,38	950 - 1800	37.4 - 70.9

* Span width: Distance between the attachment points on the bed

Tables: 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 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 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

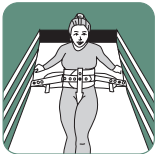
- Only use SEGUFIX® products on beds, stable chairs and stretchers that allow the product to be attached to, in accordance with the instructions.
- Products must be attached in such manner, that they cannot get out of place.
- Note that straps and moving mechanics of beds, stretchers or chairs (or alternating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

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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https://www.segufix.com/PDFs/AGBs/Terms_and_Conditions.pdf

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