

# **JOBST® COMPRESSION**

**Compression Bandages** 

# CONTENTS

Compression Bandages

COMPRILAN® COMPRILAN® S	166
JOBST® COMPRI2 AND Compri2 Lite	167
APPLICATION TECHNIQUES	168

# COMPRILAN® AND COMPRILAN® S

## 100% Cotton Short-Stretch Bandage

### Compression bandages

**Comprilan**<sup>®</sup> can be used for phlebology and lymphatic indications to support the muscle pump action and improve the haemodynamics of venous return. This short-stretch bandage is durable and extremely resistant.

- Washable and re-usable
- Air permeable

**COMPRILAN®** 

• Bandage ends do not fray

Code	Size	Pack Qty
01026-00	6 cm x 5 m	1
01027-00	8 cm x 5 m	1
01028-00	10 cm x 5 m	1
01029-00	12 cm x 5 m	1

### COMPRILAN<sup>®</sup> S\*

Carla	<b>C</b> !	Death Other
Code	Size	Pack Qty
75078-00	6 cm x 5 m	10
75079-00	8 cm x 5 m	10
75080-00	10 cm x 5 m	10
75081-00	12 cm x 5 m	10



\* Comprilan S has no metal clips



## JOBST® COMPRI2 AND JOBST® COMPRI2 LITE

### Two-Layer Bandage System

**JOBST® Compri2** has visible guidance tools to aid application and promote the correct compression. Two compression levels, ensuring the right level can be selected for both venous and mixed aetiology leg ulcers.

### Compression on demand

Two choices to achieve the compression needed

Type of disease	Incidence	ABPI	Compression level	
Venous	~ 60%	>0.8	40 mmHg	JOBST <sup>®</sup> Compri2
Mixed aetiology	~ 20%	0.5-0.8	20-30 mmHg	JOBST® Compri2 Lite
Arterial	~ 20%	<0.5	No compression	-

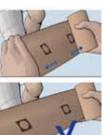




#### 1st Layer

- Application around the heel becomes much easier because the bandage stretches and conforms
- Tearable to allow extra padding to be easily applied where necessary





#### 2nd Layer

• A simple indicator to assist achieving the correct compression level every time



• The bandage can be adjusted during application

Code		Compression Level	Ankle Size	Quantity
76271-00	Latex free	Regular 40 mmHg	18 cm - 25 cm	1 Kit
76271-01	Latex free	Regular 40 mmHg	25 cm - 32 cm	1 Kit
76271-02	Latex free	Lite 30 mmHg	18 cm - 25 cm	1 Kit
76271-03	Latex free	Lite 30 mmHg	25 cm - 32 cm	1 Kit
76271-04	Latex free	Regular 40 mmHg	18 cm - 25 cm	6 Pack
76271-05	Latex free	Regular 40 mmHg	25 cm - 32 cm	6 Pack
76271-06	Latex free	Lite 30 mmHg	18 cm - 25 cm	6 Pack
76271-07	Latex free	Lite 30 mmHg	25 cm - 32 cm	6 Pack

167

## **Comprilan**<sup>®</sup> and **Comprilan**<sup>®</sup> **S** Upper Limb Application techniques



Before applying the bandages, ensure good skin care has taken place.



Measure the Protouch<sup>®</sup> Stockinette to be used as protection by measuring the length of the total arm from fingers to shoulder tip.



Apply the Protouch<sup>®</sup> Stockinette to the length of the arm, allowing a small hole for the thumb.



To bandage the fingers, start an anchor at the wrist with a gauze bandage.



Coming from the wrist, make approximately two turns around the finger with light tension before returning over the back of the hand. Ensure you leave the finger tips free.



Secure each finger bandage with an anchor around the back of the hand.



The completed finger bandages should be on the dorsum of the hand, leaving the palm free.



Pad the limb with Artiflex<sup>®</sup>, starting at the base of the metacarpal heads and leaving a hole for the thumb.



Bandage up the limb with 50% overlapping turns.



Additional padding may be added for extra protection.



Continue applying padding up the limb. It is recommended that a wider size padding is used beyond the forearm.



Continue the padding up to the armpit.

Product	Product		
Protouch <sup>®</sup> Stockinette	7.5 cm	1 Length	
Comprilan®	6 cm	1 roll	
Comprilan®	8 cm	1 or 2 Rolls	
Comprilan®	10 cm	1 or 2 Rolls	
Comprilan <sup>®</sup> S	6 cm x 5 m	10	
Comprilan <sup>®</sup> S	8 cm x 5 m	10	
Comprilan <sup>®</sup> S	10 cm x 5 m	10	
Comprilan <sup>®</sup> S	12 cm x 5 m	10	
Artiflex <sup>®</sup> Soft	7.5 cm	1 or 2 Rolls	
Artiflex <sup>®</sup> Soft	10 cm	2 Rolls	
Easifix <sup>®</sup> Bandage	2.5 cm	1 or 2 Rolls	
	Protouch® Stockinette Comprilan® Comprilan® Comprilan® S Comprilan® S Comprilan® S Comprilan® S Comprilan® S Artiflex® Soft Artiflex® Soft	Protouch® Stockinette7.5 cmComprilan®6 cmComprilan®8 cmComprilan®10 cmComprilan®S6 cm x 5 mComprilan®S8 cm x 5 mComprilan®S10 cm x 5 mComprilan®S12 cm x 5 mArtiflex® Soft7.5 cmArtiflex® Soft10 cm	



Start the compression bandaging with an anchor at the wrist (bandage 6 cm width).



To prevent pocketing between the thumb and index finger, press down the edge of the previous turn.



The turns run from the back of the hand to the palm, returning to the back of the hand.



Repeat this turn once more.



After one turn across the middle phalanx of the thumb, hold the edge of the bandage down.



After two turns around the hand, the first Comprilan® bandage should end two figures of eight just behind the wrist.

Start a new 10 cm width bandage and

in figures of eight or spirals, wrap up

the limb, over the elbow and up to the

commencing in the opposite direction,

21

upper arm.



The patient presses a clenched fist against the therapist's abdomen and tenses their muscles. An 8 cm width bandage is started from the wrist.



Secure the end of the bandage with adhesive tape and roll over the Protouch® Stockinette for protection.



Run in long figures of eight or spirals, using 50% overlap, up to the elbow.



Ensure there are no gaps in the bandages to ensure no fluid accumulates in any area not compressed with bandage.

© 2000 Beiersdorf AG Hamburg. Excerpt from the book prepared for publication "Compression therapy - healing with pressure" by Peter D. Asmussen and Brigitte Söllner. Bandaging technique of the Földi-Klinik, Klinik für Lymphologie, D-79856 Hinterzarten, Therapist: Heinz Thoma.



169

## **Comprilan®** and **Comprilan® S** Lower Limb Application techniques



Apply undercast padding from the base of toes to tibial plateau in a spiral configuration. The layers assist in absorbing exudate and to correct any distortions of the natural contours of the leg.



Commence bandaging at the base of the toes, working from inside to outside, with the barrel of the bandage facing upwards.



Keep the tail of the bandage short and apply firmly over the dorsum of the foot maintaining an even tension without overstretching.



Bandage twice around the foot.



Wind bandage over top of foot, cover outside ankle, inside ankle and return back over top of foot and wind under heel.



Instructions as per step 5.



Wrap bandage around inside ankle to outside ankle joint. Ensure heel flap from first bandage is covered.



Continue to wind bandage in a spiral configuration to base of the tibial plateau or two finger width below the knee.



The bandage is applied in a spiral configuration with a 50% stretch and 50% overlap.



Secure bandage with clips or tape e.g. Leukopor<sup>®</sup> or Leukoplast<sup>®</sup>. Any excess bandage is placed down the leg without compression.



# Lower Limb application technique using JOBST<sup>®</sup> Compri2 AND JOBST<sup>®</sup> Compri2 Lite



Apply toe bandaging if toe or significant dorsal foot oedema is present (for lymphoedema patients).



Apply the compression padding with the foot at an angle of 90 degrees. Start by wrapping it around the foot, starting at the base of the toes. Continue wrapping it around the foot, overlapping the padding on the back of the foot so that half of its width covers the ankle.



The next turn of the bandage goes over the heel. If necessary, prominent points on the leg can be additionally padded with cut-offs of the padding.



Continue bandaging as far as the knee and ensure 50% overlapping. The padding should fit the shape of the limb with minimal stretching.



Remove excess material and press the end of the padding on lightly.



An indicator on the compression bandage helps to ensure correct tension by changing from an oval to a circle when correct tension is applied.



Start by wrapping it around the foot at the base of the toes.



Pass it around the ankle in two or three figure of eight, ensuring the heel is completely covered. Ensure the foot is kept at 90 degrees.



Continue wrapping the compression bandage around the lower leg, overlapping by at least 50%, keeping the bandage under even tension. The indicator on the bandage will be a circle when the correct tension is applied.



Cut off excess bandage material and press the compression bandage on lightly. This will ensure the bandage adheres well to itself and to the padding.



# Upper limb application techniques using JOBST<sup>®</sup> Compri2<sup>®</sup> Lite



#### Equipment

Set up with the required equipment (foam is optional to protect bony prominences).

Always include the fingers for an upper limb application. Skin care and wound care first (if applicable).



Continue with each finger until each has been individually bandaged.



Tuck thumb away first for safety by making a fist and cut a small hole.



Trim excess.



#### Fingers

Loose anchor at wrist and then wrap towards the thumb starting distally then going to the proximal base of the thumb.

Finger bandage - Handy Gauze Cohesive 2.5 cm.



Finish with "Opera House" pattern.



Slip the thumb through the opening of the padding. After padding the dorsum of hand, continue to pad the wrist before moving up the limb.



**Foam** Trim edges.



Wrap towards the thenar eminence rather than "around the wrist".



**Padding** Measure where to cut thumb hole.



50% overlap up the limb. The area should not be "see through".



Apply foam as an option to ensure protection of the thumb web space.



**Compression layer hand** Cut a piece of the compression layer that is approximately 8 squares long. Cut to one square from one end.



Cut from the opposite other end leave a 2 cm region uncut.



Drape over the hand. Apply the first "strap" over the dorsum of the hand.



Drape and apply the more distal strap first, followed by the more proximal strap second.



Use the second strap over the dorsum and the thenar eminence area. Wrap in a figure 8 pattern to encompass the base of the thumb.



Once the hand has been encompassed, continue up to the wrist.



JOBST <sup>®</sup> Compri2				
REF No.	Compression Level	Size	QTY	
76271-00	Regular 40mmHg	18 cm - 25 cm	1 Kit	
76271-01	Regular 40mmHg	25 cm - 32 cm	1 Kit	
76271-02	LITE 30mmHg	18 cm - 25 cm	1 Kit	
76271-03	LITE 30mmHg	25 cm - 32 cm	1 Kit	
76271-04	Regular 40 mmHg	18 cm - 25 cm	6 Pack	
76271-05	Regular 40 mmHg	25 cm - 32 cm	6 Pack	
76271-06	Lite 30 mmHg	18 cm - 25 cm	6 Pack	
76271-07	Lite 30 mmHg	25 cm - 32 cm	6 Pack	
Handy Gauze Cohesive				
92557-00	-	size 2.5 cm	2 Rolls	



Apply a second layer to ensure optimal stiffness is created over the dorsum of the hand.



The individual length should be able to complete two rotations around the hand.



**Compression layer arm** Overlap hand compression with a loose anchor. Compress up the limb.



To achieve correct pressure, pull from oval to square on the pressure indicator.



Maintain the correct tension during application to ensure even compression.



Elbow pad- is optional



Optional Elbow pad - is recommended especially for the first application.



Finish two fingers from the axillary fold.



Test function and comfort and provide safety warnings.