

3M Science.
Applied to Life.™



**3M™ Coban™ 2 Layer
Compression Systems**

3M™ Coban™ 2 Layer Compression Systems are designed to deliver comfortable, therapeutic compression for the treatment of venous leg ulcers, lymphedema and other conditions where compression therapy is appropriate.

Comfortable, Effective

Designed for Effectiveness

Studies from clinicians around the world, including randomized controlled trials, provide evidence that Coban™ 2 Layer Compression Systems:

- Provide sustained compression without slipping
- Reduce chronic edema
- Support healing and reduce the size of venous leg ulcers
- Significantly reduce pain on legs¹
- Are safe and well-tolerated²
- Are easy to apply, easy to remove
- Are preferred by patients*³

*Applicable only to 3M™ Coban™ 2 Layer Compression System.

Designed for Consistent Application

Compression is therapeutic when sufficient pressure is applied. Too little pressure will minimize the benefits and too much pressure may cause damage or not be tolerated by the patient. We designed our compression layer to be applied at full stretch, eliminating guesswork.

In an international, multi-centre comparative evaluation, 32 expert bandagers applied their most familiar bandage system to an artificial limb with pressure sensors: **the bandagers were able to apply significantly more consistent compression using Coban 2 Layer Compression System** because of the full stretch application. The bandagers also found Coban 2 Layer Compression System faster and easier to apply.⁴





Compression

Designed for Comfort, Mobility and Daily Living

Coban 2 Layer Compression Systems provide sustained, therapeutic compression for up to 7 days.¹ The thin, lightweight materials create a breathable sleeve that allows patients to wear their own shoes and clothing. Because the bandages are comfortable to wear, patients are more likely to keep them on, increasing concordance and the potential for effective treatment.^{5,6}

The two-layer system generates sustained working pressures and comfortable resting pressures, making the compression easy to tolerate regardless of activity level.

For patients less tolerant of compression therapy - patients with mixed etiology and ABPI ≥ 0.5 , who are frail, or who are less mobile - the Coban™ 2 Layer Lite Compression System is appropriate.

“Coban 2 Layer Compression Systems have proven to be invaluable in reducing edema and affording improved quality of life. The simplicity of consistent application of Coban 2 Layer Compression Systems has afforded versatility in both the acute and community setting - including rural sites.”

- Rosemary Hill

Designed to Stay in Place

Our patented, interlocking materials cohere to each other, creating an inelastic sleeve that gently grips the skin and reduces the potential for uncomfortable slipping or bunching.^{3,5}

In a randomized, controlled trial, patients reported significantly less slippage with Coban 2 Layer Compression System compared to Profore™.¹

Learn more about Coban 2 Layer Compression Systems.

3M.ca/coban2layer



ABPI (Ankle-Brachial Pressure Index)

Use this table as a guide to interpret ABPI values in relation to compression.

- ABPI < 0.5: Very Severe and Severe Ischemia
- Compression should not be used
- ABPI 0.5-0.8: Moderate and Mild Ischemia
- 3M™ Coban™ 2 Layer Lite Compression System
- ABPI ≥ 0.8: Normal
- 3M™ Coban™ 2 Layer Lite Compression System, 3M™ Coban™ 2 Layer Compression System

Position Statement on the Use of the Ankle Brachial Index in the Evaluation of Patients with Peripheral Vascular Disease. A Consensus Statement Developed by the Standards Division of the Society of Interventional Radiology.

ABIs as high as 1.10 are normal; abnormal values are those less than 1.0. The majority of patients with claudication have ABIs ranging from 0.3 to 0.9. Rest pain or severe occlusive disease typically occurs with an ABI lower than 0.50. Indexes lower than 0.20 are associated with ischemic or gangrenous extremities.

Sacks D., MD et al; J Vasc Interv Radiol 2003; 14:S389.

Product Support and Edema Management Education

3M provides product in-servicing, workshops, webinars, eLearning and telephone support. Step-by-step application and removal guides and videos are available at 3M.ca/coban2layer.

To learn more about product support and education available, contact your 3M Critical & Chronic Care Solutions Sales Representative.

		Brachial Systolic Pressure (mmHg)											
		100	110	120	130	140	150	160	170	180	190	200	
Ankle Systolic Pressure (mmHg)	20	0.20	0.18	0.17	0.15	0.14	0.13	0.13	0.12	0.11	0.10	Very Severe Ischemia	
	30	0.30	0.27	0.25	0.23	0.21	0.20	0.19	0.18	0.17	0.16		0.15
	40	0.40	0.36	0.33	0.31	0.29	0.27	0.25	0.24	0.22	0.21		0.20
	50	0.50	0.45	0.42	0.38	0.36	0.33	0.31	0.29	0.28	0.26		0.25
	60	0.60	0.55	0.50	0.46	0.43	0.40	0.38	0.35	0.33	0.32		0.30
	70	0.70	0.64	0.58	0.54	0.50	0.47	0.45	0.41	0.39	0.37		0.35
	80	0.80	0.73	0.67	0.62	0.57	0.53	0.50	0.47	0.44	0.42		0.40
	90	0.90	0.82	0.75	0.69	0.64	0.60	0.56	0.53	0.50	0.47		0.45
	100	1.00	0.91	0.83	0.77	0.71	0.67	0.63	0.59	0.56	0.53		0.50
	110	1.10	1.00	0.92	0.85	0.79	0.73	0.69	0.65	0.61	0.58		0.55
	120	1.20	1.09	1.00	0.92	0.86	0.80	0.75	0.71	0.67	0.63		0.60
130	1.30	1.18	1.08	1.00	0.93	0.87	0.81	0.76	0.72	0.68	0.65		
140	1.40	1.27	1.17	1.08	1.00	0.93	0.88	0.82	0.78	0.74	0.70		
150	1.50	1.36	1.25	1.15	1.07	1.00	0.94	0.88	0.83	0.79	0.75		
160	1.60	1.45	1.33	1.23	1.14	1.07	1.00	0.94	0.89	0.84	0.80		
170	1.70	1.55	1.42	1.31	1.21	1.13	1.06	1.00	0.94	0.89	0.85		
180	1.80	1.64	1.50	1.38	1.29	1.20	1.13	1.06	1.00	0.95	0.90		
190	1.90	1.73	1.58	1.46	1.36	1.27	1.19	1.12	1.06	1.00	0.95		
200	2.00	1.82	1.67	1.54	1.43	1.33	1.25	1.18	1.11	1.05	1.00		

Ordering Information 3M™ Coban™ 2 Layer Compression Systems

Application/Use	Name	Catalogue Number	Size	Black Nylon Stocking	Rolls/Box Boxes/Case
Below the knee	3M™ Coban™ 2 Layer Compression System	2094N	Comfort Layer: 4 in x 2.9 yd (10 cm x 2.7 m) unstretched	1	1/box 8/case
			Compression Layer: 4 in x 5.1 yd (10 cm x 4.7 m) stretched		
Below the knee (ABPI ≥ 0.5)	3M™ Coban™ 2 Layer Lite Compression System	2794N	Comfort Layer: 4 in x 2.9 yd (10 cm x 2.7 m) unstretched	1	1/box 8/case
			Compression Layer: 4 in x 5.1 yd (10 cm x 4.7 m) stretched		
Above the knee	3M™ Coban™ 2 Layer Compression System	20096	Comfort Layer: 6 in x 3.8 yd (15 cm x 3.5 m) unstretched	—	1/box 8/case
			Compression Layer: 6 in x 4.9 yd (15 cm x 4.5 m) stretched		

3M™ Coban™ 2 Layer Compression Systems do not contain natural rubber latex.

To learn more about 3M™ Coban™ 2 Layer Compression Systems, visit 3M.ca/coban2layer, contact your 3M Critical & Chronic Care Solutions representative, or call the 3M Health Care Customer Helpline at 1-800-364-3577.

1 Mosti G, Crespi A, Mattaliano V. Comparison Between a New, Two-component Compression System with Zinc Paste Bandages for Leg Ulcer Healing: A Prospective, Multi-centre, Randomized, Controlled Trial Monitoring Sub-bandage Pressures. Wounds 2011; 23(5):126-134.

2 Hampton S, Kerr A, Crossley M. Summary of five case studies on the treatment of venous leg ulcers with a new two layer compression system in a community setting. Data on file at 3M. 2006.

3 Moffat C, Edwards L, Collier M, Treadwell T, Miller M, Shafer L, Sibbald RG, Brassard A, McIntosh A, Reyzelman A, Price P, Krause SM, Walters SA, Harding K. A randomized controlled 8-week crossover clinical evaluation of the 3M™ Coban™ 2 Layer Compression System versus Profore™ to evaluate product performance in patients with venous leg ulcers. Int Wound J 2008; 5(2): 267-279.

4 Collier M, Schuren J. Ease of use and reproducibility of five compression systems. J Wound Care 2007; 3M Supplement: 8-10.

5 Schuren J, Andreas C. Pressure and slippage during 48 hours of compression therapy: a study on healthy volunteers. Poster presentation: SAWC 2010.

6 Schnobrich E, Solfest S, Bernatchez S, Zehrer C, Tucker J, Walters SA. 7-Day, In-use Assessment of a Unique, Innovative Compression System. Data on file at 3M. Poster presentation: SAWC 2006.



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