





WHY THERMORE® IS BETTER

With performance in mind, Thermore sets the standard for the highest quality insulation in the garment industry.

Durable performance is always a key topic at Thermore's R&D department. It is proven that other branded insulations lose up to 30% loft after washing- which equates to a similar loss in terms of heat retention.

Also, Thermore believes that customers must be free to quilt their jackets as they

wish, and not be restricted to excessive quilting of the insulation to stabilize it. Test reports performed at independent labs prove that quilting decreases the warmth of an insulation by almost 30%. Most Thermore® products do not require quilting and maintain their original structure over time. The end result is that all Thermore® products provide consistent warmth throughout the entire garment, with no cold spots or clumping issues.

VEGAN



A VERSATILE INNOVATION

Since its inception in 1972, Thermore® has been used by a wide variety of world class athletes including several National Ski Teams and renowned expeditions to the highest peaks or the coldest places on Earth.

Moreover, every winter millions of Thermore® insulated jackets are worn in the streets of Milan, New York, London, Berlin and Tokyo, as well as many other places around the world: Thermore®'s customers in the fashion industry are practically a fashion hall of fame!

Thermore® insulation has been keeping people warm in all possible conditions. Over 40 years later, Thermore is still innovating thermal insulation for apparel by continuously investing most of its resources in research and development, as Thermore firmly believes that innovation has always been a key component to its global success.

THE HIGHEST QUALITY

Quality and durability are always top priority at Thermore: all thermal insulation products must deliver consistent and durable quality. Thermore's own durability standards are often more strict than those used at most independent laboratories. Durability is a key factor for thermal insulation, as it is closely relates to warmth and overall performance.

Thanks to its in-house lab facilities, all products are severely tested during the development process and then certified at world-leading independent laboratories before being released. Although the Thermore Group is actively promoting its brand and products in the outdoor industry, they strongly believe that the product comes first and customers should receive the greatest return on their investment. Every cent invested in Thermore is an assurance of the highest quality and meaningful performance.





ANTI-FIBER MIGRATION

One of the core philosophies at Thermore $^{\circ}$ is that the product should remain structurally stable over the life of the garment.

If the insulation is allowed to break down, then the product becomes less thermally efficient and also becomes prone to the problem of fiber migration.

Essentially, fiber migration occurs when the polyester fibers that comprise the insulation are able to destabilize from the structure and find their way through the lining or shell of your outerwear. This can quickly give the garment a substandard

appearance and also cover midlayer clothing with an assortment of unsightly fibers.

This Thermore® safeguard is achieved without the use of a scrim, which adds cost, negatively effects the hand, and is only a short term solution.

This is another example of built-in Thermore® technology that enhances the quality of the end product.





01 🚳 NO PILLING

Thermore® has solved the issue of fiber migration with a proprietary finishing process that keeps the polyester fibers stabilized during normal wear and machine washing.



02 NO SCRIM NEEDED

Thermore's patented finishing process protects the insulation, which does not require a scrim.



03 NO WASHING ISSUES

Thermore® is designed to last and withstand repeated washings.

SUSTAINABILITY FIRST

Thermore firmly believes in ethical product development which benefits global consumers: making a better world has always been fundamental to Thermore's R&D department. Thermore pioneered the use of recycled fibers from PET bottles in the 80s, and it has always strived to achieve the highest performance with sustainable materials. In fact, using sustainable sources should not compromise the performance of the finished product.

Since the first developments in the 1980s, Thermore has mastered the use of recycled fibers and is considered a worldwide leader in its field.

Most of Thermore's products are now sustainable and the company is committed to developing more environmentally friendly technologies.

1980s

Thermore launches the first recycled insulation made from recycled PET bottles

2003/2005

Thermore launches the first sustainable collection, featuring Ingeo® and Tencel® fibers

2007

Thermore introduces Rinnova, a 50% recycled, durable insulation made from PET bottles

1994/1996

Thermore develops and launches Thermore NRG, the thermal insulation that saves approx. 30% of resources

2006

All Ecodown® products feature 5% sustainable fibers, Thermore's small token to the environment

2011

Rinnova 100% is the first thermal insulation entirely made from recycled fibers



2012

Classic, Thermore's best selling product, is converted to 50% recycled fiber content

2014/2015

Thermosoft® collection is now 50% recycled

2018

Ecodown® Fibers are launched globally

2012/2013

Thermore is awarded Bluesign and GRS certifications

2016

Thermore presents Ecodown® made from 100% recycled fibers



2

I hermore
INSULATION EXPERTS SINCE 1972

Used PET bottles are repurposed following standard recycling procedure.

3

The PET flakes are melted and spun into new fibers.

4

The fibers are then used to produce the thermal insulation in cold weather jackets.



Thermore saves the planet

HANGTAGS & WOVEN LABELS

It's very easy to identify a garment made with high quality Thermore® insulation. Just look for our attractive, multi-lingual hangtags and/or our sew-in labels and rest assured that Thermore® quality is inside the garment.

HANGTAG



WOVEN LABEL



LOOP LABEL



52 mm



^{*}European dimensions: HANGTAG 104 mm x 52 mm, WOVEN LABEL 45 mm x 57 mm, L00P LABEL 34 mm x 30 mm

CODE OF AUTHENTICITY



AB/ 0000000001 / C

Every Thermore® hangtag contains a code of authenticity. We recommend that retailers advise their customers to keep the hangtag in a safe place to access Thermore® technical support.



BACK

Go to

thermore.com/en/registration;

verify the authenticity of your product and get your certificate.







THERMORE® CLASSIC







A UNIVERSAL SOLUTION
Can be used with virtually any fabric

(2)

NO QUILTING RESTRICTIONS

10

EXTREMELY VERSATILE

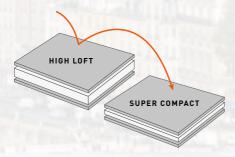
Over 10 weight and thickness options

CONTAINS 50% RECYCLED FIBERS FROM PET BOTTLES

Every jacket insulated with Classic allows recycling of up to 5 PET bottles

₩ F

FEATURES THE S/R SPECIAL REDUCTION PROCESS



Care instructions



Available weights gr/m² and thicknesses

	HL 📫	SC → SUPER COMPACT
40		
60		⊘
80	⊘	
100	Ø	O
115	Ø	
150	Ø	⊘
170	Ø	
200	Ø	

Thermore® Classic is soft and comfortable and it offers a superior thermal performance because it consists of very fine fibres which can trap an extremely high amount of air.

Thermore® Classic product line offers maximum design flexibility for outerwear.

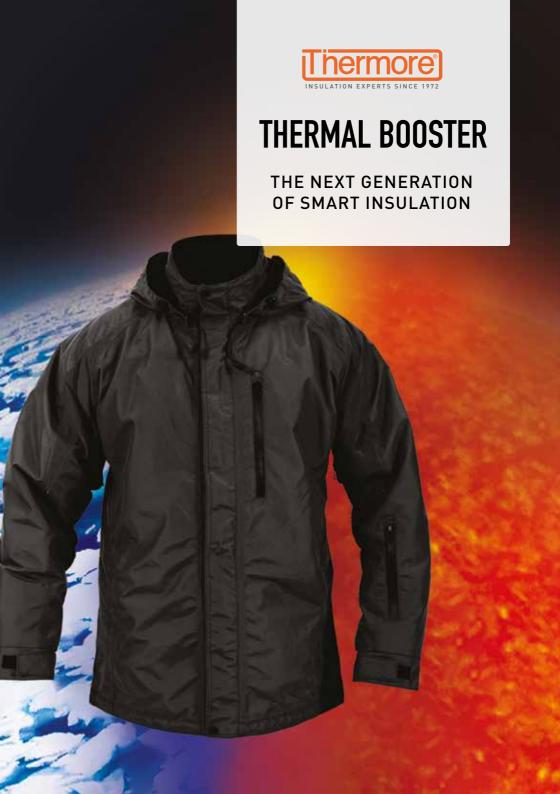
The patented SR (special reduction) process allows two thicknesses of insulation per weight category.

The SR process allows a variance in the thickness of a chosen weight without a proportional loss in thermal value.

Thermore® Classic uses Oeko-Tex certified raw materials.

Test reports have proven the product to be non-allergenic, highly breathable, non-toxic and free of PFOA and PFOS (perfluorooctanoic acid and sulfonate), non-organic and dangerous chemical substances both for humans and the environment.

Thermore® Classic is protected from fiber migration thanks to Thermore's patented anti-fiber migration treatment.



THERMORE® THERMAL BOOSTER

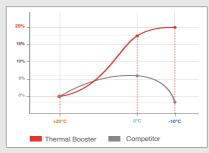


- WHEN THE TEMPERATURE DECREASES, THE THERMAL VALUE INCREASES OVER 20%
- © CONTINUOUS EFFECT THAT LASTS AS LONG AS THE TEMPERATURE IS LOWER
- PATENTED TECHNOLOGY MINIMIZES FIBER MIGRATION THROUGH SHELL AND LINING FABRICS
- A UNIVERSAL SOLUTION

 Can be used with virtually any fabric
- EXCEPTIONAL RESISTANCE AND EASY-CARE

Care instructions





Source: Vartest Laboratories, Inc. - NYC (USA).
Test report #THESPA_A060815A-E - June, 2015 - and other tests

Available weights gr/m² and thicknesses

	HL ↑	SC → SUPER COMPACT
90	⊘	
130	⊘	
170	⊘	

It has always been a challenge to maintain comfort during changing weather conditions. Thermore has always understood the value of having adaptive warmth and now introduces a unique insulation product that features a "boost" in cold weather performance when needed.

Thermore's Thermal Booster smart insulation is engineered to offer a consistent warmth level under normal conditions.

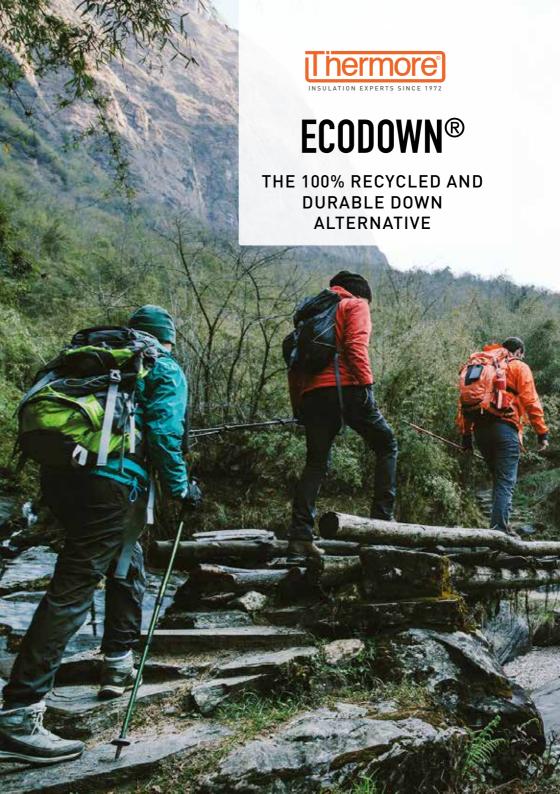
However, as temperatures start falling, the product offers a thermal "boost" in performance to maintain comfort.

The Thermal Booster product offers

increased insulating value in colder conditions to help the user stay in the comfort zone. Independent test labs prove that Thermore® Thermal Booster is 20% warmer at lower temperatures. The Thermal Booster smart insulation

does not need any special maintenance or batteries, as it is a permanent part of the insulation and the end garment. Additionally, the insulation features Thermore's proprietary fiber migration treatment and can be machine washed without adversely affecting performance.

Thermore® Thermal Booster - extra warmth that always stays with you.

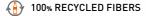


THERMORE® ECODOWN®









EXTRA SOFT HAND-FEEL

HIGH WARMTH-TO-WEIGHT RATIO

(4) HIGH PERFORMANCE

DOES NOT REQUIRE



Care instructions



Available weights gr/m² and thicknesses

	HL 🛟	SC → SUPER COMPACT
40	•	AN /
60	⊘	Ø
80	⊘	
100	Ø	
115	>	
130	>	
150	>	✓
170	V	
200	⊘	

Ecodown® has traditionally been the sustainable alternative to down feathers.

The new Ecodown® is the only synthetic product in the market to be made from 100%, post-consumer plastic bottles. This allows the reuse of a considerable number of bottles, which would have otherwise ended their useful life as waste in a landfill. Depending on the application, outerwear insulated with Ecodown® can save up to 10 bottles per garment! Also, using PET bottles instead of oil will help protect energy reserves for future generations.

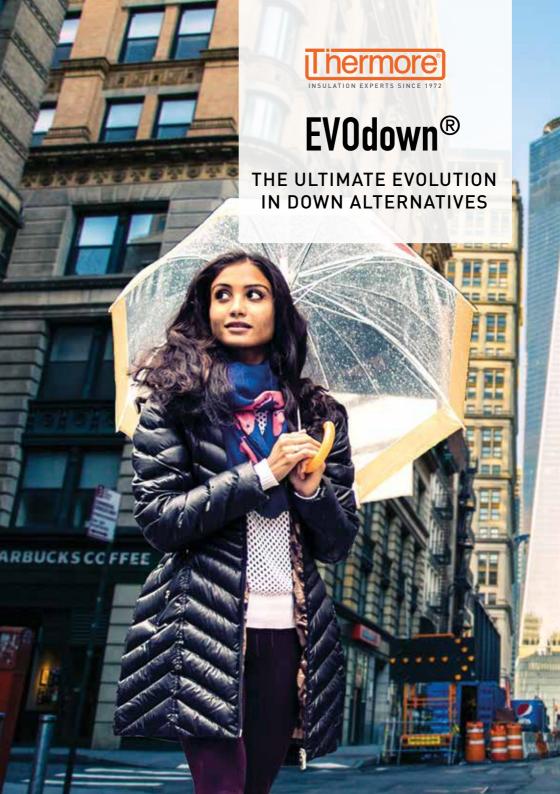
What's equally impressive is that the new Ecodown® 100% recycled thermal insulation does not require special

quilting restrictions or fabrics - and can be washed and/or dry cleaned with confidence. This high level of durability equates to exceptional, long term warmth over the life of a garment.

A wide variety of weights and thickness options (over 10 variations!) cater perfectly to every possible design requirement.

When you add it all up, the new Ecodown® offers a clever option to real down feathers and is a high performance, 100% sustainable synthetic that offers total freedom of design.

Sounds like a winning combination.



THERMORE® EVOdown®





- IDEAL ALTERNATIVE TO DOWN FEATHERS AND FREE FIBERS
- CONSISTS OF FREE FIBERS
 CONTAINED BY TWO HIGH DENSITY
 LAYERS
- **⊗** EVOdown® IS A ROLLED PRODUCT
- HIGH LOFTING WITH A LUXURIOUS HAND-FEEL
- OFFERS CONSISTENT THERMAL COVERAGE OVER THE ENTIRE GARMENT



Required fabrics

DOWN PROOF Care instructions



Quilting restrictions







Available weights gr/m² and thicknesses

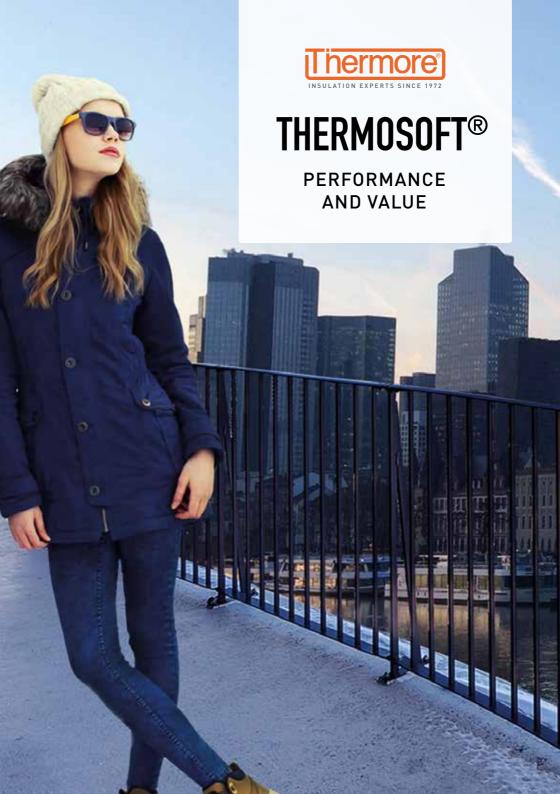
	HL 📫	SC → SUPER COMPACT
80	Ø	
115	Ø	
170	Ø	
250	⊘	

Thermore® EVOdown® is inspired by the hand and lofty nature of blown fibers, but achieves the desires effect with fewer limitations.

The EVOdown® product can best be described as a "rolled free-fiber composite" and offers encapsulating layers to stabilize the free fibers within the garment.

The end result of the composite technology is the reduced incidence of clumping/fiber migration issues and very consistent thermal performance throughout the entire garment.

The EVOdown® offers virtually the same volume and softness as down feathers, but without all the problems associated with a complete free-fiber system. Also, since it is supplied in traditional roll form, it can be used in a more cost effective manner, just like other Thermore products. Thermore EVOdown® maintains its structure over time and can also be machine washed and dried with confidence. Thermore EVOdown® is available in four weights to best suit every design requirement from ultra-light jackets to extra puffy parkas.



THERMORE® THERMOSOFT®









PATENTED TECHNOLOGY MINIMAZES FIBER MIGRATION THROUGH SHELL AND LINING FABRICS

DOES NOT REQUIRE A SCRIM

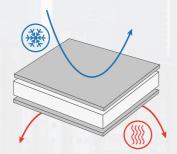
ULTRA EVEN STRUCTURE WITH NO COLD SPOTS

EXCEPTIONAL RESISTANCE AND EASY-CARE

NON-TOXIC AND FREE OF PFOA/PFOS

CONTAINS 50% RECYCLED FIBERS FROM PET BOTTLES

Every jacket insulated with Thermosoft® allows recycling of up to 5 PET bottles



Care instructions



Available weights gr/m² and thicknesses

	HL 💠	SC → SUPER COMPACT
40	⊘	
60	⊘	
80		
100	✓	
115	⊘	
150	⊘	
170	⊘	
200		

Thermosoft® products currently represent the best value in a branded insulation product for todays performance outerwear.

The Thermosoft® product has a high loft level and is warm, soft and comfortable. It's totally machine washable and can also be dry-cleaned if needed.

Additionally, it features Thermore's proprietary finishing process to

minimize fiber migration issues and eliminates the need to use a scrim layer. Thermosoft® is manufactured locally in Bangkok, Thailand.

Thermore's sales office in Hong Kong provides an elevated level of service to properly manage timely deliveries, logistics, sales sampling and bulk orders

Thermore® Thermosoft® consists of 50% recycled fibers.



FREEDOM

ALWAYS COMFORTABLE



THFRMORF® **FREEDOM**









RECOVERS TO ITS ORIGINAL SHAPE

PATENTED FIBER MIGRATION CONTROL

EASY CARE



MAX ELONGATION

PRODUCT TESTED	
THERMORE® FREEDOM	36%
Other Leading Brand	8%

Care instructions



Available weights gr/m2 and thicknesses

	HL ↑	SC → SUPER COMPACT
60		⊘
80		
100		~
150		⊘

The world of insulated apparel is changing and evolving- always looking for new solutions to keep the wearer warm and dry. In one word, to provide comfort. So, imagine if you could be warm wearing something as comfy as those stretch jeans or yoga pants

that adapt to your body and the activity at hand? Well, now you can!

Thermore® Freedom is a very unique insulation, an active layer which consists of countless micro gaps that move and adapt to your body, in perfect harmony with your every movement... they even move as you breathe! This revolutionary level of adaptive comfort will make everything more enjoyable, from walking around town to more enthusiastic pursuits in the great outdoors.

Thermore® Freedom is over times more stretchable than other comparable products (see Tab. below). it offers excellent stretch capability and completely recovers to its original shape time after time. Also, it is available in a thin profile configuration to best fit the current trends in outerwear design.

Totally machine washable and dry cleanable, it also features Thermore's exclusive fiber migration treatment.



ECODOWN® FIBERS

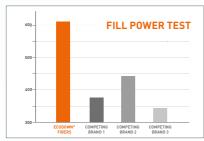
PUFFY WITH NO DOWNSIDES



THERMORE® ECODOWN® FIBERS



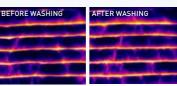
- PUFFIER: 600+ FILL POWER
- WARMER
- SUPER DURABLE
- WINIQUE MULTI-SHAPE STRUCTURE
- ANIMAL FREE AND 100% RECYCLED FROM PET BOTTLES



Tests performed at Thermore in house labs adapted from US2000 standard.







Thermograms of pillows made with Ecodown® Fibers before and after washing: the product presents no signs of clumping.

Available versions



SOFT

Required fabrics

DOWN PROOF

Care instructions



*Use wool settings.

** After washing, full and immediate recovery of the loft can be obtained by tumbling the garment on medium heat setting $(40^{\circ}\text{C} / 104^{\circ}\text{F})$ for about 30 minutes.

The development of an innovative, free fiber down alternative has been on Thermore's radar for a long time. Until now, the market has only been able to offer products having lower performance and quality issues. Thermore's target has been to release a blown-in product only when durability and superior quality were fully attainable. Now, after many years of research and development, Thermore is releasing the highest performing, most durable free fiber product.

Ecodown® Fibers are setting a new standard in their category and are designed to provide superior loft, warmth and recovery, thanks to the unique multi-shape structure. And of

course, they are animal free and also feature 100% recycled fibers.

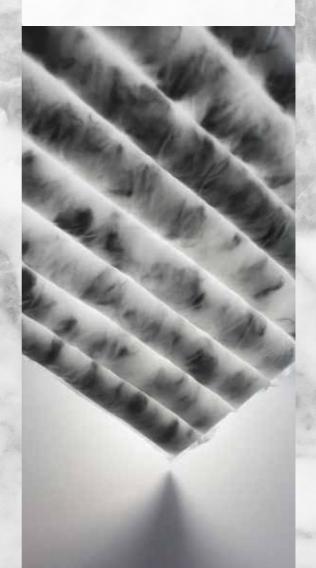
Durability is paramount at Thermoreand Ecodown® Fibers are the only free fiber product that does not clump or create cold spots after washing. And unlike most competitors, Ecodown® Fibers also protect the environment by means of avoiding the use of microfibers- which eventually pollute our lakes and oceans and potentially contaminate the food we eat. Like any blown-in product, Ecodown® Fibers will require down proof fabrics. Moreover, they are perfectly white, so they can be used with any fabric weight or color. Light, soft, puffy, warm: Ecodown®

Light, soft, puffy, warm: Ecodown® Fibers are the soul of your jacket.



ECODOWN® FIBERS MARBLE

TURNING INSULATION INTO ART



Ecodown® Fibers MARBLE





INTRODUCING COLOR



ONE OF A KIND LOOK



EACH JACKET IS UNIQUE

Ecodown® Fibers Marble is the revolutionary insulation that looks different. Providing the same level of performance and softness as the original Ecodown® Fibers product, Ecodown® Fibers Marble opens a new creative dimension to thermal insulation.

Every garment will look different, thus providing infinite possibilities to designers and allowing them to create unique, one of a kind pieces of art.





ALSO AVAILABLE

Ecodown® Fibers BLACK

Thermore is also introducing the new Ecodown® Fibers Black product. It provides a 3D color effect using light colored fabrics. Also, it changes the hue of any fabric used, thus creating infinite possibilities and colors!



THERMORE® HIGH RESISTANCE



THERMORE® WASHPROOF



Thanks to Thermore® patented and exclusive treatment, product stability and performance are maintained after numerous washings and/or dry cleaning cycles.

Fiber migration issues can also be easily avoided without the added weight and cost of an extra scrim layer.

Thermore® High Resistance is the extreme evolution of the patented antipilling treatment: its technical features remain unchanged even after 100 washings (*).

(*)100 gentle machine washes at 40°C test performed at a public laundry using a mid-weight taffeta.

Available weights gr/m²



Care instructions



Specialized product for piece dyed garments. Thermore's Washproof insulation is designed to withstand the dyeing procedures associated with wool, cotton and nylon which utilize direct, reactive and acid dyestuffs (at 92°C with drying temps at 80/90°C). It will also perform accordingly with the aggressive dyeing of polyester (at 135°C with drying temps of 80/90°C) and dispersive dyestuffs.

No quilting is necessary but some support lines according to Thermore's guide for "SUGGESTED QUILTING PATTERNS" should be made.

ATTENTION:

The tests have been performed according to specifications at Tintoria Emiliana Srl - Modena, Italy. If garments have to be dyed with any other company and/or under different conditions than described, then results have to be verified.

Available weights gr/m² and thicknesses



Care instructions

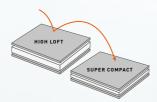








- DESIGN FLEXIBILITY
- THIN PROFILE OPTIONAL
- 50% RECYCLED FIBERS



Available weights gr/m² and thicknesses

	HL 💠	SC +
40	Ø	
60	Ø	⊘
80	Ø	
100	⊘	⊘
115	Ø	
150	⊘	⊘
170	⊘	
200	⊘	

Certifications





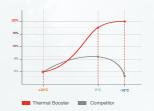
Quilting restrictions

no

*

★ THERMAL BOOSTER®

- ADAPTIVE WARMTH
- THE NEXT GENERATION OF SMART INSULATION



Source: Vartest Laboratories, Inc. - NYC (USA). Test report #THESPA_A060815A-E - June, 2015 - and other tests

Available weights gr/m² and thicknesses

	HL♣	SC ↑
	HIGH LOFT	SUPER COMPACT
90	⊘	V.
130	⊘	1
170		4

Certifications



Quilting restrictions

no





S ECODOWN®

- 100% RECYCLED FIBERS
- DURABLE DOWN
 ALTERNATIVE
- SOFT HAND WITH EXCEPTIONAL WARMTH



Available weights gr/m² and thicknesses

	HL 💠	SC → SUPER COMPACT
40	Ø	
60		✓
80	S	
100		⊘
115	S	
130		
150	S	⊘
170	S	
200	⊘	

Certifications



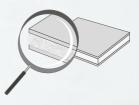


Quilting restrictions



EV0down®

- THE ULTIMATE EVOLUTION IN DOWN ALTERNATIVES
- ROLLED FREE-FIBER COMPOSITE
- SUPERIOR WARMTH LEVEL



Available weights gr/m² and thicknesses

	HL +	SC → SUPER COMPACT
80	(
115	(
170	(
250	⊘	

Certifications



Quilting restrictions





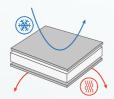






THERMOSOFT®

- PERFORMANCE AND **DURABILITY**
- COST EFFECTIVE OPTION
- 50% RECYCLED FIBERS



Available weights gr/m² and thicknesses

	HL 📫	SC → SUPER COMPACT
40	Ø	
60	⊘	
80	⊘	
100	⊘	
115	⊘	
150	⊘	
170	⊘	
200	⊘	

Certifications



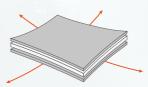


Quilting restrictions no



FREEDOM

- 4-WAY STRETCH
- ALWAYS COMFORTABLE
- THIN PROFILE



Available weights gr/m² and thicknesses

	HL ↑	SC → SUPER COMPACT
60		
80	- 9	
100		⊘
150	Jr (6)	Ø

Certifications



Quilting restrictions

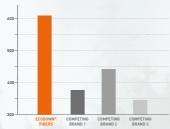
no



ECODOWN® FIBERS

- PUFFIER: 600+ FILL POWER
- WARMER
- SUPER DURABLE
- UNIQUE MULTI SHAPE STRUCTURE
- ANIMAL FREE AND 100% RECYCLED FROM PET BOTTLES

FILL POWER TEST



Tests performed at Thermore in house labs adapted from US2000 standard.

Available versions





Required fabrics

DOWN PROOF

Certifications







ECODOWN® FIBERS MARBLE

- INTRODUCING COLOR
- ONE OF A KIND LOOK
- EACH JACKET IS UNIQUE





ECODOWN® FIBERS BLACK

- 3D COLOR EFFECT
- . CHANGES THE HUE OF THE **FABRIC**









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