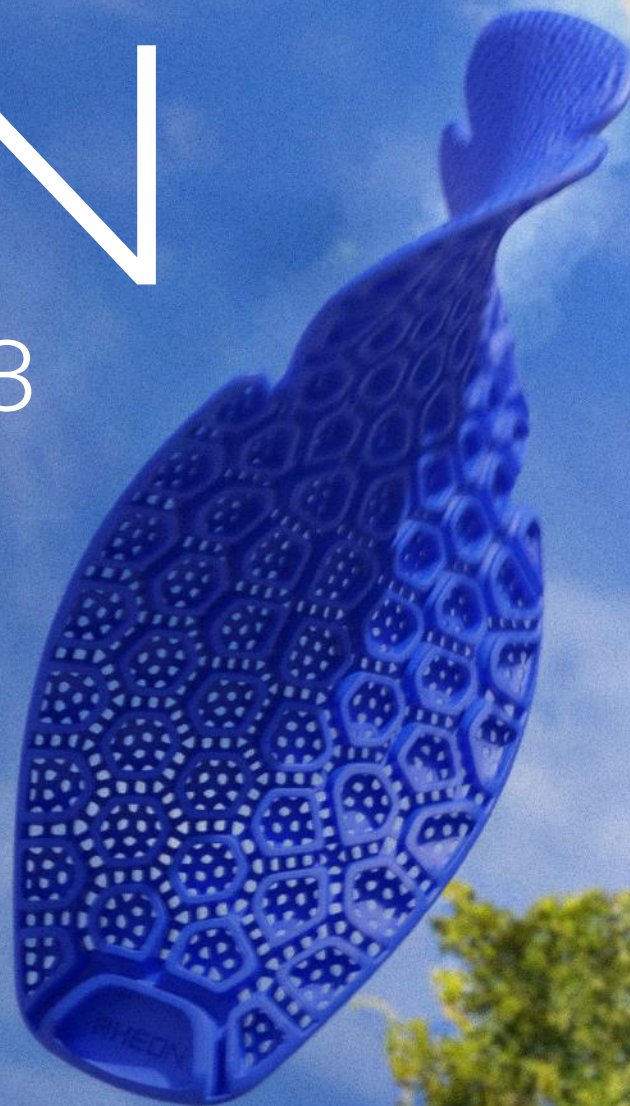




RHEON

ARMOUR COLLECTION 2023



CONTENTS

- 01 About [VIEW](#)
- 02 Technology [VIEW](#)
- 03 Range [\[1\]](#) [\[2\]](#) [\[Compact\]](#) [VIEW](#)
- 04 Contact [VIEW](#)





DESIGNED FROM INSIGHT

“We were hearing from users that they wanted armour that felt invisible to ride in that would still perform when it was needed. So that’s what we set out to create.”

Paul Farrar
Designer, Armour Range

Current Partners

COLLECTION GUIDE



Chromag's ethos is simple, to produce things that the staff want to use, day in, day out. They wanted to bring together the comfort of all-day riding with unrivalled protection. A knee pad that would be comfy enough to pedal in all day but provide significant protection for the way down. The result? A kneepad like no other - The Rift x RHEON.



Combining Rapha's 15 years of garment design experience with the new era of energy-absorbing performance from RHEON, to create the most protective, most comfortable, most lightweight pad we could make. All whilst trying to make it feel invisible to ride in.

Made for the trails. Created for the down-country rider. Virtually disappearing on the climbs, but giving all the protection needed for the way down.



Harley-Davidson came to us with a single word. The very essence of why they began all those years ago. To them, riding has always been about freedom. It is a simple belief that has driven them for over 100 years. Harley-Davidson shared our ambition to bring something that didn't just incrementally improve the experience for their riders but would shift how riding could be. In the pursuit of an experience they want all their riders to feel, freedom.

Light. Years ahead

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our Armour to be lighter, naturally.

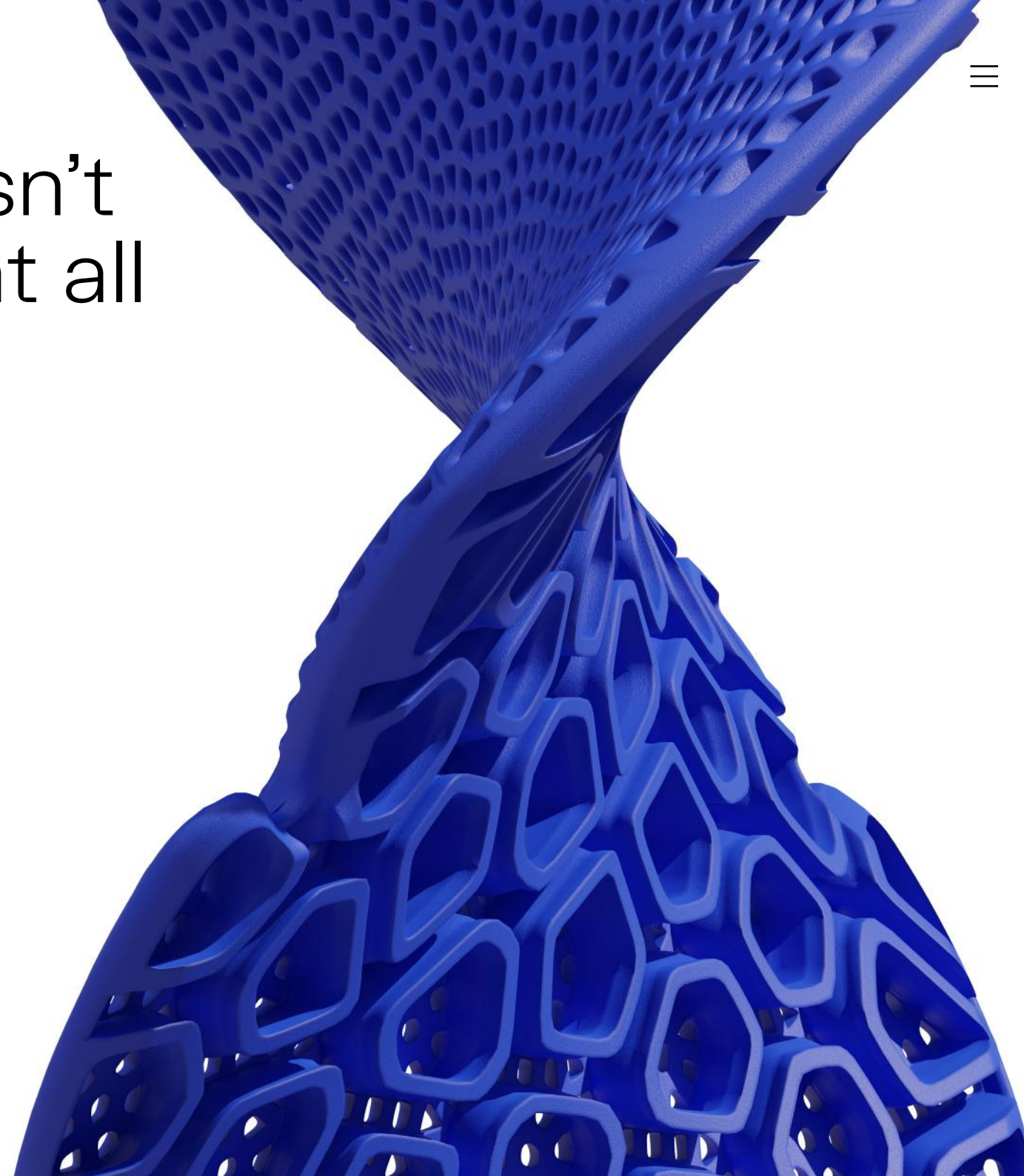
Made using a unique form of 3D printing. Weighing in from only 40g.



Protection that doesn't feel like protection at all

Engineered with RHEON™. Designed to flex to the curvature of the body for an adaptive fit like no other.

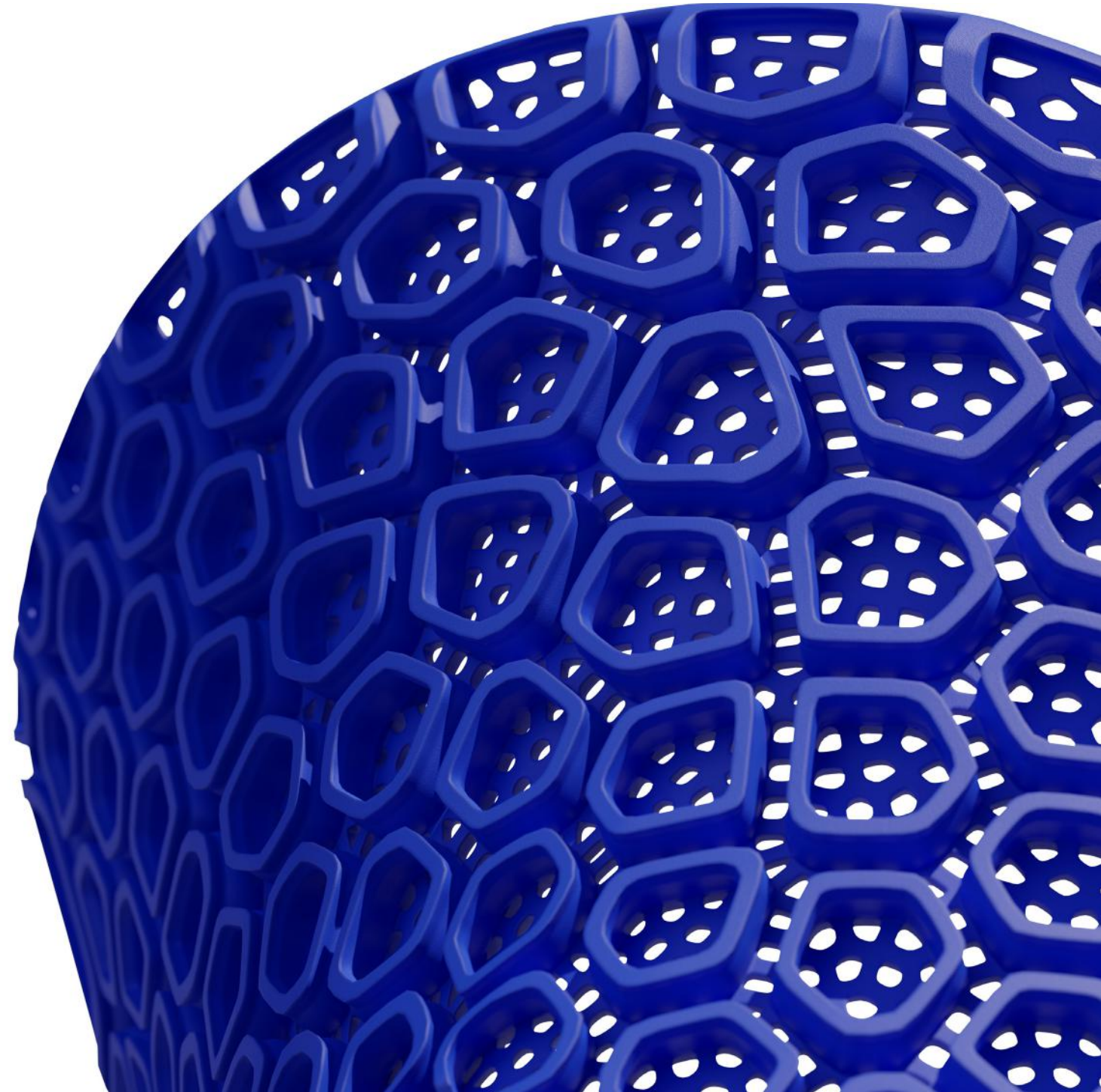
Giving impact protection exactly where it's needed, whilst maintaining total comfort.



Cool, even on the toughest of days

The unique cell packing allows air to flow naturally around the rider. Making RHEON™ Armour the most breathable protection in the world.

So you can stay cool even on the toughest of days.



Intelligent Protection.

RHEON is an energy-absorbing super polymer. Soft & flexible in its natural state, it intelligently stiffens when subjected to force.

But it's more than that. It's an ecosystem of science, engineering and algorithmic design.

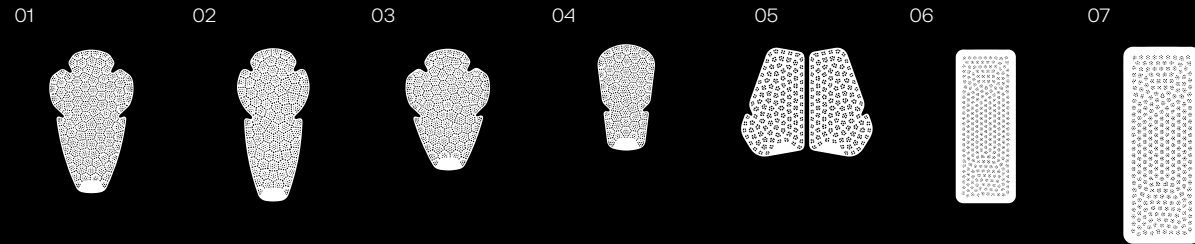
A reactive technology that's shaping a world of new performance properties.

RANGES IN COLLECTION

COLLECTION GUIDE

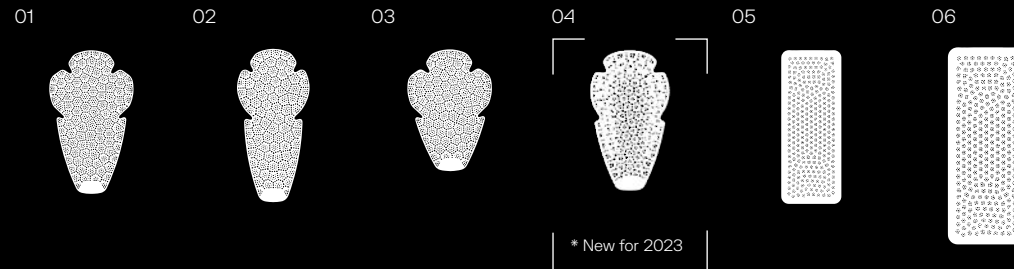
Level 1 Range

01	Knee Protector
02	Elbow Protector
03	Shoulder Protector
04	Hip Protector
05	Divided Chest Protector
06	Central Back Protector M/L
07	Central Back Protector XL



Level 2 Range

01	Knee Protector
02	Elbow Protector
03	Shoulder/Hip Protector
04	Curved Protector <small>*New for 2023*</small>
05	Central Back Protector M/L
06	Central Back Protector XL



Compact Range

01	Knee/Elbow Protector
02	Shoulder/Hip Protector

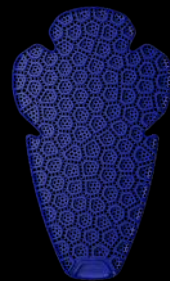


LEVEL 1 RANGE OVERVIEW

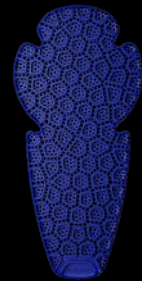
COLLECTION GUIDE

Range Includes

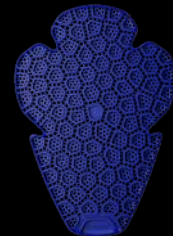
		CE LEVEL
01	Knee Protector	1
02	Elbow Protector	1
03	Shoulder Protector	1
04	Hip Protector	1
05	Divided Chest Protector	1
06	Central Back Protector M/L	1
07	Central Back Protector XL	1



01



02



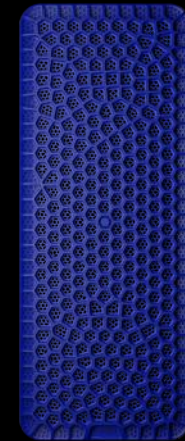
03



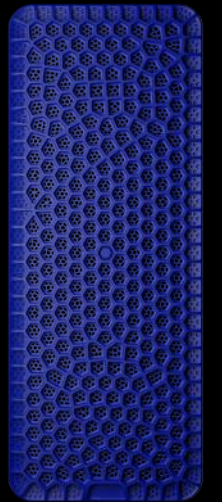
04



05



06

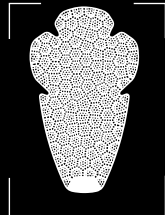


07

LEVEL 1 RANGE TECHSHEET

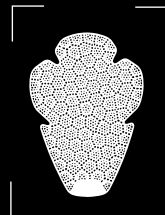
COLLECTION GUIDE

Knee Protector [01]



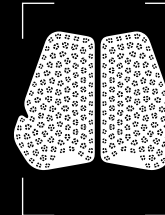
PRODUCT CODE	FIN-0300
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Knee
WEIGHT	70g
THICKNESS	7mm
DIMENSIONS	145 x 246mm

Shoulder Protector [03]



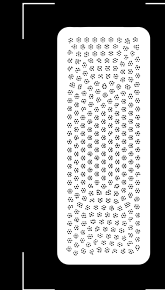
PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Shoulder
WEIGHT	55g
THICKNESS	7mm
DIMENSIONS	146 x 213mm

Divided Chest Protector [05]



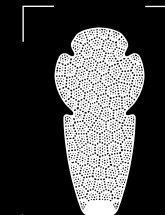
PRODUCT CODE	FIN-0107
EN 1621-3:2018	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Divided Chest
WEIGHT	75g
THICKNESS	11mm
DIMENSIONS	118 x 211mm

Central Back Protector XL [07]



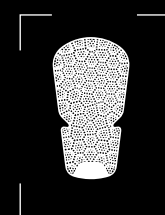
PRODUCT CODE	FIN-0109
EN 1621-2:2014	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Central Back XL
WEIGHT	284g
THICKNESS	10mm
DIMENSIONS	157 x 400mm

Elbow Protector [02]



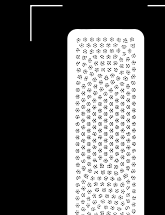
PRODUCT CODE	FIN-0303
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Elbow
WEIGHT	55g
THICKNESS	7mm
DIMENSIONS	117 x 250mm

Hip Protector [04]



PRODUCT CODE	FIN-0302
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Hip
WEIGHT	40g
THICKNESS	7mm
DIMENSIONS	99 x 185mm

Central Back Protector M/L [06]



PRODUCT CODE	FIN-0108
EN 1621-2:2014	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Central Back M/L
WEIGHT	230g
THICKNESS	10mm
DIMENSIONS	144 x 364mm



Knee Protector^[01]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-0300
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Knee
WEIGHT	70g
THICKNESS	7mm
DIMENSIONS	145 x 246mm

FEATURES & BENEFITS



Lightweight

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.



Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



Flexible

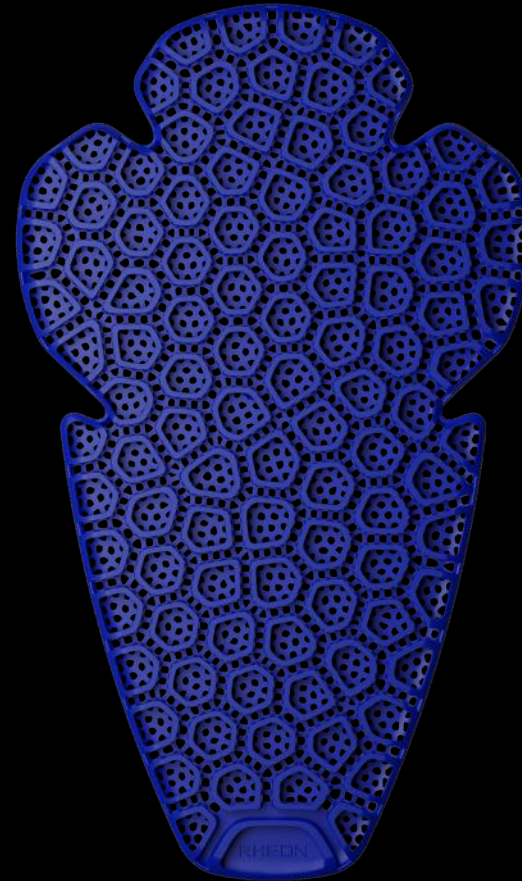
Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION

UK | CE LEVEL 1



CARE



Elbow Protector ^[02]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-0303
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Elbow
WEIGHT	55g
THICKNESS	7mm
DIMENSIONS	117 x 250mm

FEATURES & BENEFITS



Lightweight

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Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



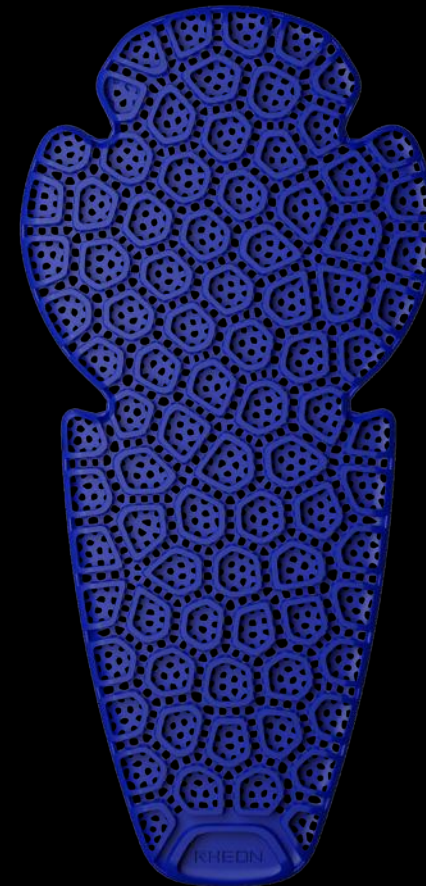
Flexible

Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION
UK | CE LEVEL 1



CARE



Shoulder Protector^[03]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Shoulder
WEIGHT	55g
THICKNESS	7mm
DIMENSIONS	146 x 213mm

FEATURES & BENEFITS



Lightweight

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.



Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



Flexible

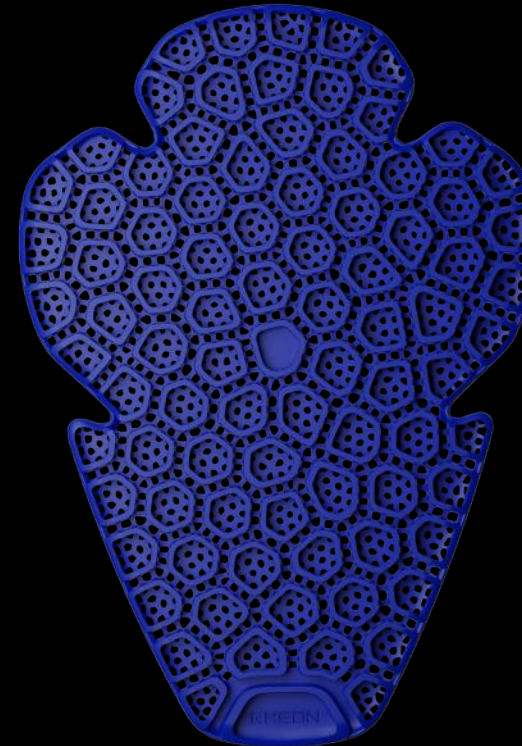
Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION

UK | CE LEVEL 1



CARE



Hip Protector^[04]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-0302
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Hip
WEIGHT	40g
THICKNESS	7mm
DIMENSIONS	99 x 185mm

FEATURES & BENEFITS



Lightweight

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.



Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



Flexible

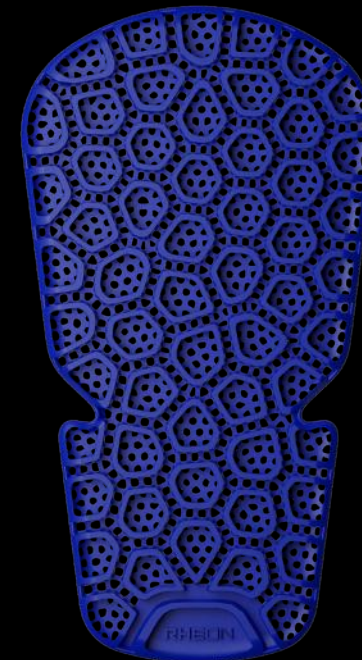
Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION

UK | CE LEVEL 1



CARE






Divided Chest Protector^[03]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-0107
EN 1621-3:2018	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Divided Chest
WEIGHT	75g
THICKNESS	11mm
DIMENSIONS	118 x 211mm

FEATURES & BENEFITS

-  **Lightweight**
 We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.
-  **Breathable**
 Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.
-  **Flexible**
 Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION
 LEVEL 1



CARE




Central Back Protector M/L ^[05]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-0108
EN 1621-2:2014	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Central Back M/L
WEIGHT	230g
THICKNESS	10mm
DIMENSIONS	144 x 364mm

FEATURES & BENEFITS



Lightweight

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.



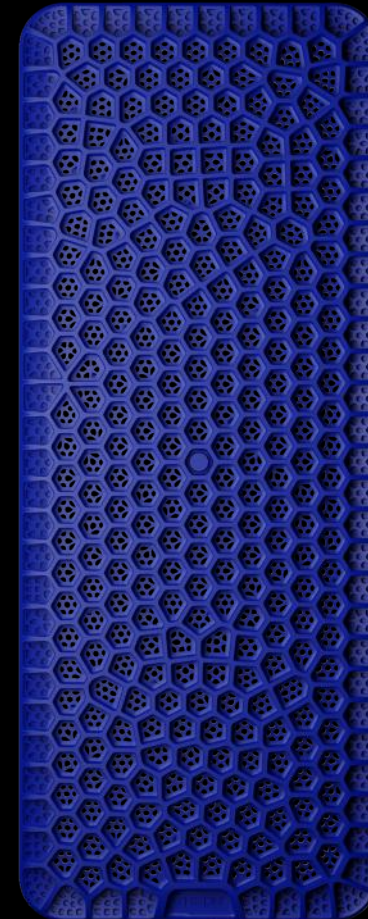
Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



Flexible

Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.



PROTECTION

UK | CE LEVEL 1



CARE






Central Back Protector XL^[06]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-0109
EN 1621-2:2014	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Central Back XL
WEIGHT	284g
THICKNESS	10mm
DIMENSIONS	157 x 400mm

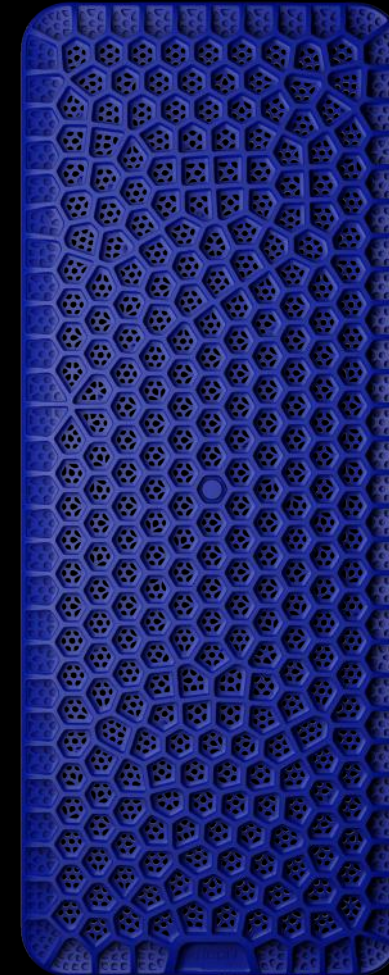
FEATURES & BENEFITS

- 
Lightweight
 We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.
- 
Breathable
 Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.
- 
Flexible
 Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION



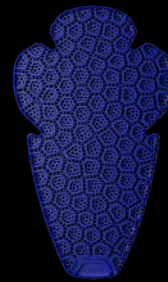

CARE

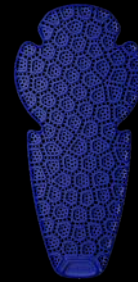
LEVEL 2 RANGE OVERVIEW

Range Includes

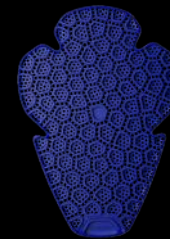
		CE LEVEL
01	Knee Protector	2
02	Elbow Protector	2
03	Shoulder/Hip Protector	2
04	Curved Protector *New for 2023*	2
05	Central Back Protector M/L	2
06	Central Back Protector XL	2



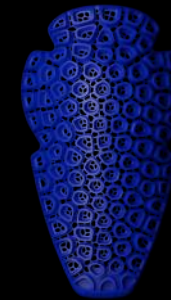
01



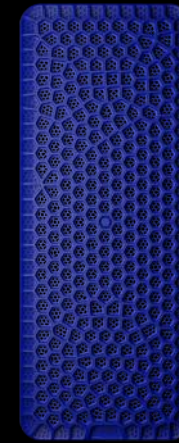
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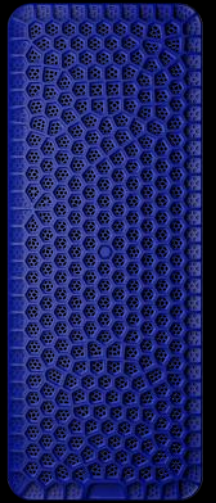
03



04



05

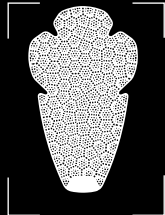


06

LEVEL 2 RANGE TECHSHEET

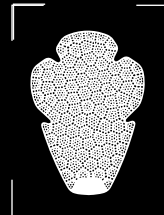
COLLECTION GUIDE

Knee Protector [01]



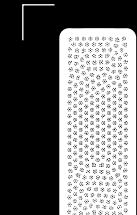
PRODUCT CODE	FIN-0300
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Knee
WEIGHT	110g
THICKNESS	11mm
DIMENSIONS	146 x 250mm

Shoulder/Hip Protector [03]



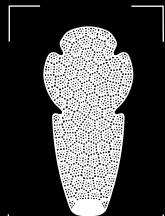
PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Shoulder/Hip
WEIGHT	95g
THICKNESS	11 mm
DIMENSIONS	146 x 212mm

Central Back Protector M/L [05]



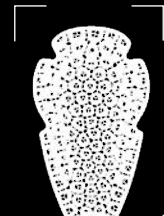
PRODUCT CODE	FIN-0404
EN 1621-2:2014	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Central Back M/L
WEIGHT	260g
THICKNESS	14mm
DIMENSIONS	144 x 364mm

Elbow Protector [02]



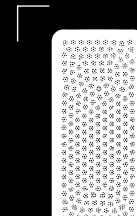
PRODUCT CODE	FIN-0303
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Elbow
WEIGHT	90g
THICKNESS	11mm
DIMENSIONS	118 x 250mm

Curved Protector [04] *New for 2023*



PRODUCT CODE	FIN-1023
EN 1621-2:2014	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Curved Protector
WEIGHT	140g
THICKNESS	10.5mm
DIMENSIONS	144 x 245mm

Central Back Protector XL [06]



PRODUCT CODE	FIN-0109
EN 1621-2:2014	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Central Back XL
WEIGHT	310g
THICKNESS	14mm
DIMENSIONS	157 x 400mm

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PROTECTION
UK | CE LEVEL 2



CARE
🧺 ✂️ 🚫 🚫 🚫

Information is indicative of typical production values

Knee Protector^[01]

LEVEL 2 RANGE

Product Details

PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Shoulder/Hip
WEIGHT	110g
THICKNESS	11mm
DIMENSIONS	146 x 250mm

FEATURES & BENEFITS



Lightweight

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.



Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



Flexible

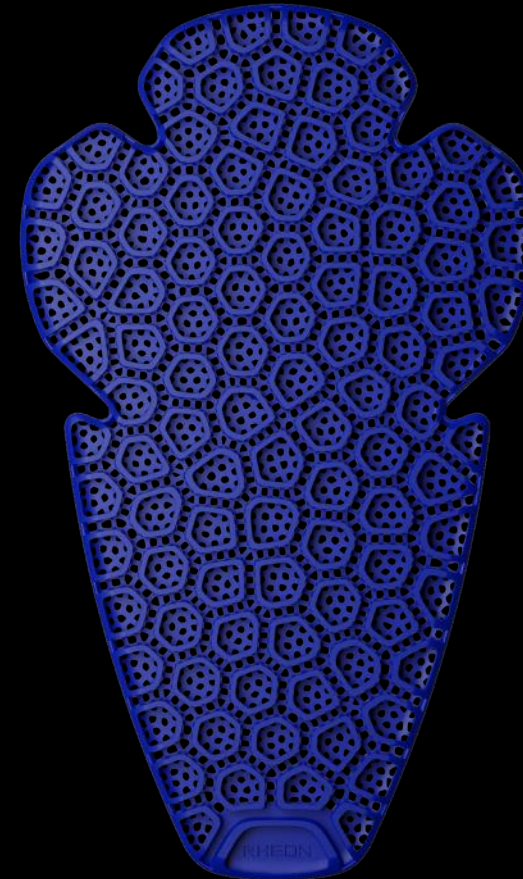
Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION

UK | CE LEVEL 2



CARE



Elbow Protector^[02]

LEVEL 2 RANGE

Product Details

PRODUCT CODE	FIN-0303
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Elbow
WEIGHT	90g
THICKNESS	11mm
DIMENSIONS	118 x 250mm

FEATURES & BENEFITS



Lightweight

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.



Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



Flexible

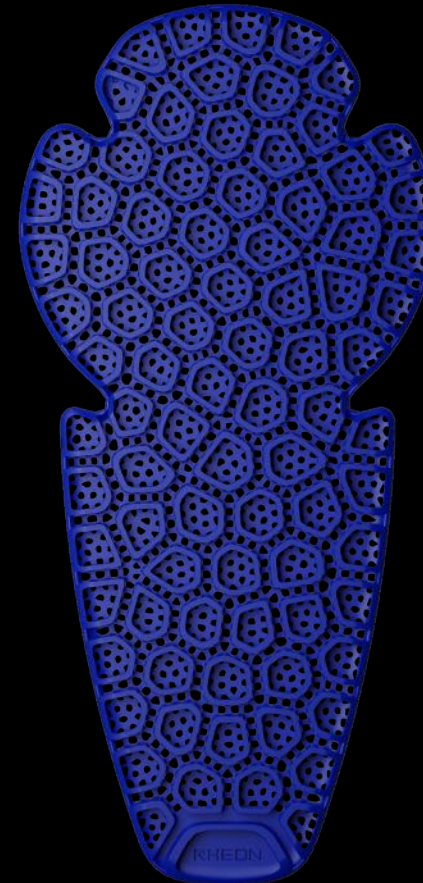
Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION

UK | CE LEVEL 2



CARE






Shoulder/Hip Protector^[03]

LEVEL 2 RANGE

Product Details

PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Shoulder/Hip
WEIGHT	95g
THICKNESS	11mm
DIMENSIONS	146 x 212mm

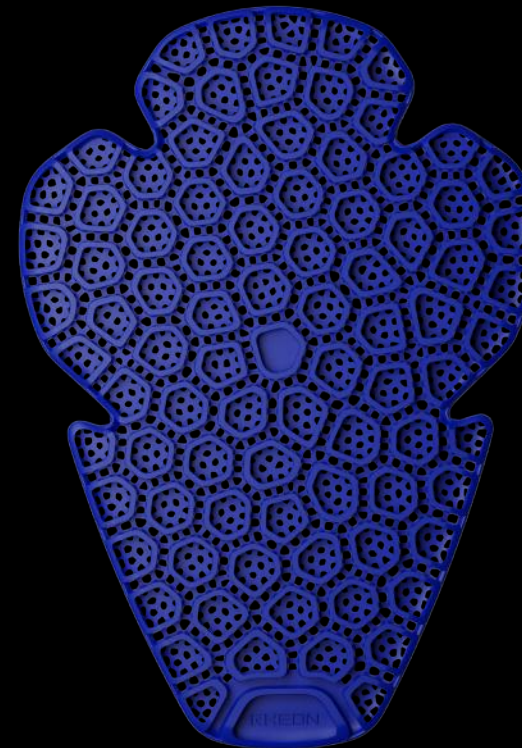
FEATURES & BENEFITS

-  **Lightweight**
 We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.
-  **Breathable**
 Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.
-  **Flexible**
 Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION




CARE

Curved Protector ^[03]

LEVEL 2 RANGE

New for 2023 Collection

COLLECTION GUIDE

Product Details

PRODUCT CODE	FIN-1023
EN 1621-2:2014	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Knee, Elbow, Shoulder
WEIGHT	140g
THICKNESS	10.5mm
DIMENSIONS	144 x 245mm

FEATURES & BENEFITS



Lightweight

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.



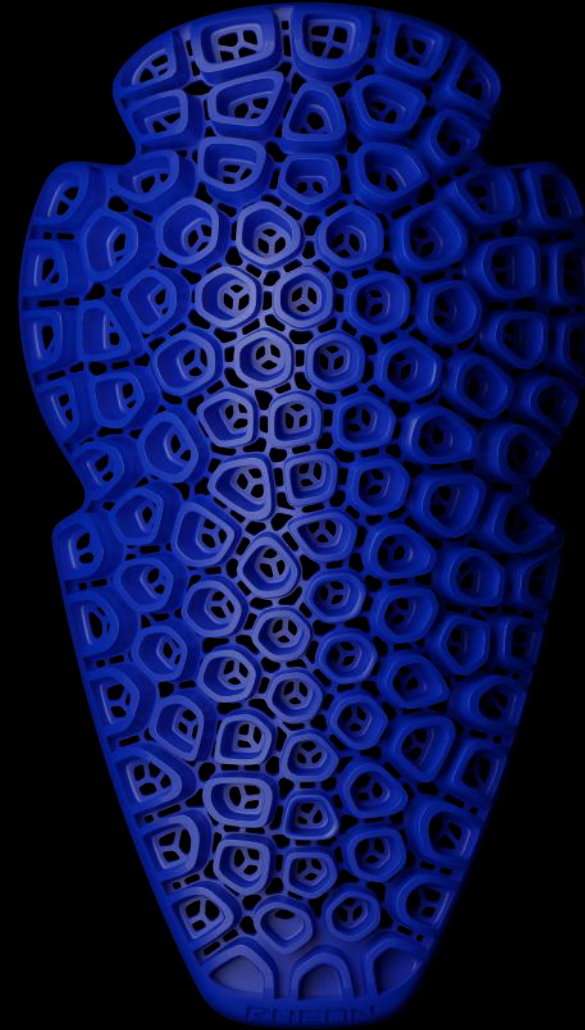
Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



Flexible

Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.



PROTECTION
UK | CE LEVEL 2



CARE
Washable Machine Dry Cleanable

Central Back Protector M/L ^[04]

LEVEL 2 RANGE

Product Details

PRODUCT CODE	FIN-0404
EN 1621-2:2014	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Central Back M/L
WEIGHT	260g
THICKNESS	14mm
DIMENSIONS	144 x 365mm

FEATURES & BENEFITS



Lightweight

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.



Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



Flexible

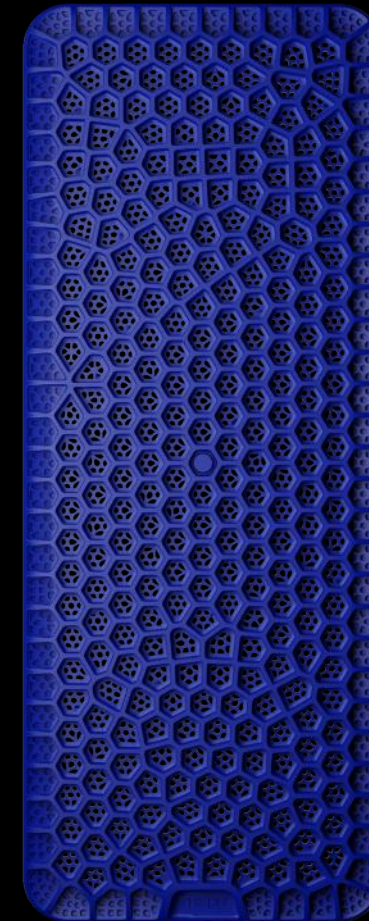
Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION

UK | CE LEVEL 2



CARE



Central Back Protector XL^[05]

LEVEL 2 RANGE

Product Details

PRODUCT CODE	FIN-0405
EN 1621-2:2014	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Central Back XL
WEIGHT	310g
THICKNESS	14mm
DIMENSIONS	157 x 400mm

FEATURES & BENEFITS



Lightweight

We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.



Breathable

Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.



Flexible

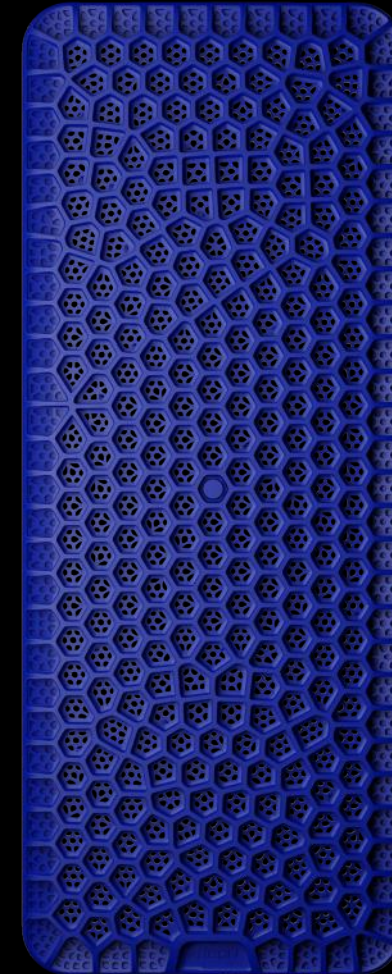
Our dynamic, reactive material gives impact protection exactly where it's needed, whilst maintaining total comfort and flexibility.

PROTECTION

UK | CE LEVEL 2



CARE

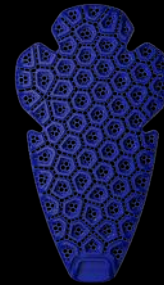


COMPACT RANGE OVERVIEW

COLLECTION GUIDE

Range Includes

		CE LEVEL
01	Knee/Elbow Protector	1
02	Shoulder/Hip Protector	1



01



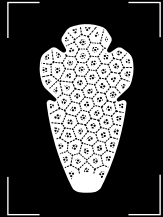
02

PROTECTION
UK | CE LEVEL 1



COMAPACT RANGE TECHSHEET

Knee/Elbow Protector ^[01]



PRODUCT CODE	FIN-0100
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Knee/Elbow
WEIGHT	52g
THICKNESS	7mm
DIMENSIONS	115 x 210mm

Shoulder/Hip Protector ^[02]



PRODUCT CODE	FIN-0101
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Shoulder/Hip
WEIGHT	45g
THICKNESS	7mm
DIMENSIONS	116 x 180mm

PROTECTION
UK | CE LEVEL 1



CARE



Knee/Elbow Protector ^[01]

COMPACT RANGE

Product Details

PRODUCT CODE	FIN-0100
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Knee/Elbow
WEIGHT	52g
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FEATURES & BENEFITS



Lightweight

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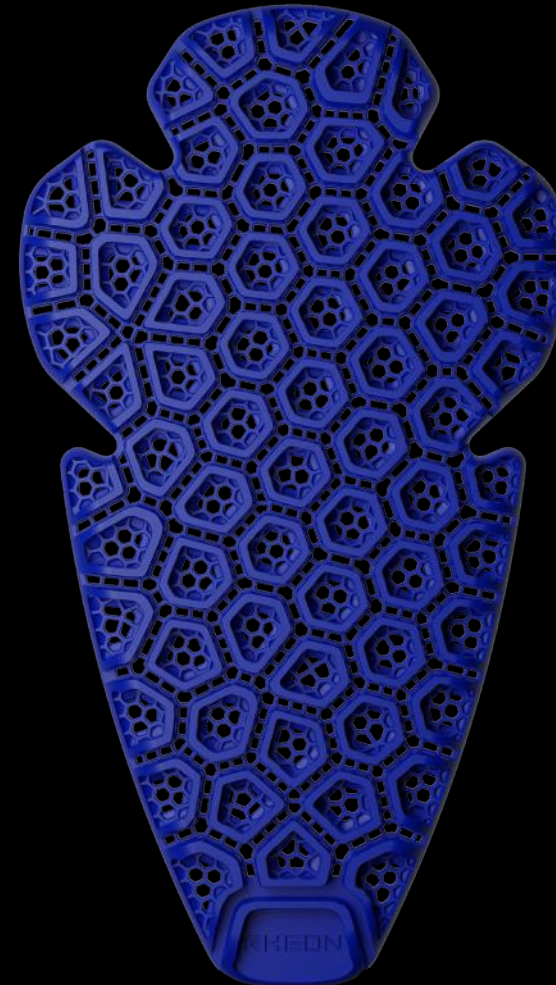
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PROTECTION

UK | CE LEVEL 1



CARE



Shoulder/Hip Protector^[02]

COMPACT RANGE

Product Details

PRODUCT CODE	FIN-0101
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
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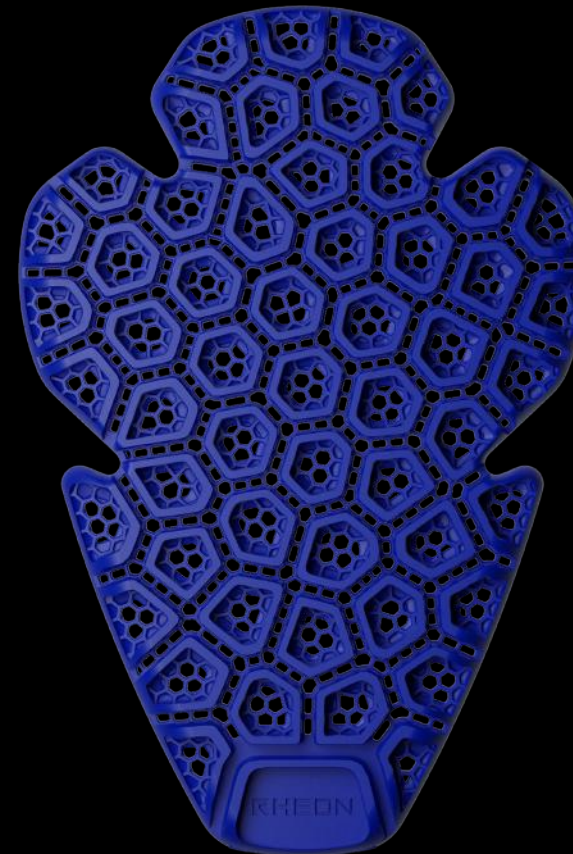
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PROTECTION

UK | CE LEVEL 1



CARE



CONTACT

If you have any further questions or are interested in partnering with us please feel free to contact us.

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