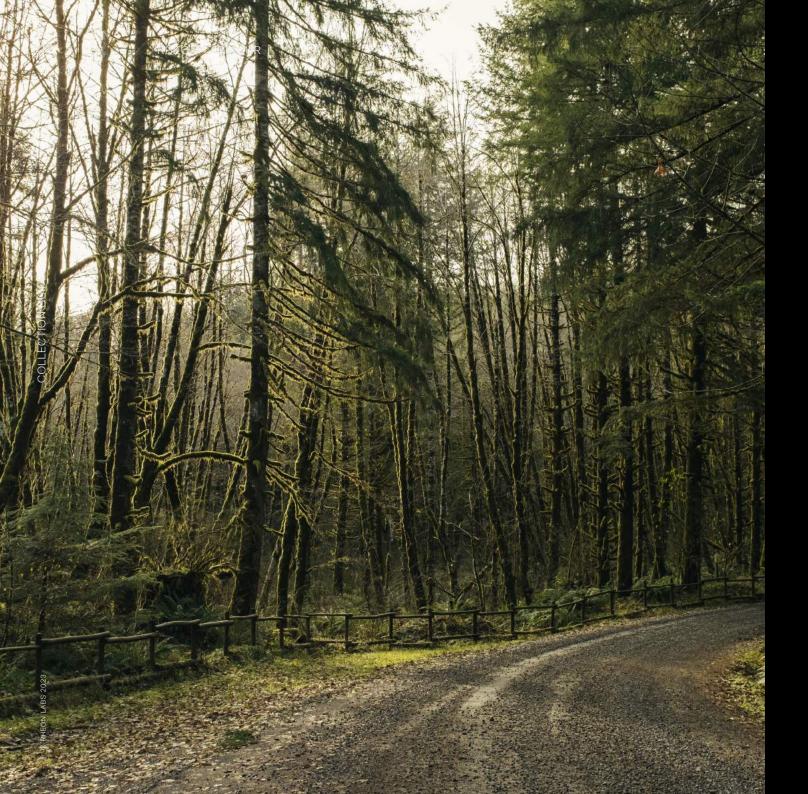
# **RMOUR COLLECTION 2023**

### CONTENTS

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

02

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#### DESIGNED FROM INSIGHT

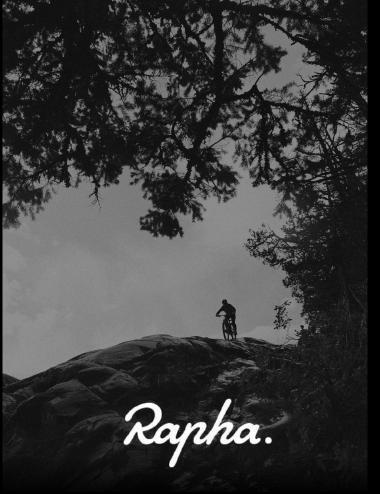
"We were hearing from users that they wanted armour that felt invisible to ride in, that would still perform when it was needed. So that's what we set out to create. "

Paul Farrar Product Manager, Armour Range

### Featured Partners



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.

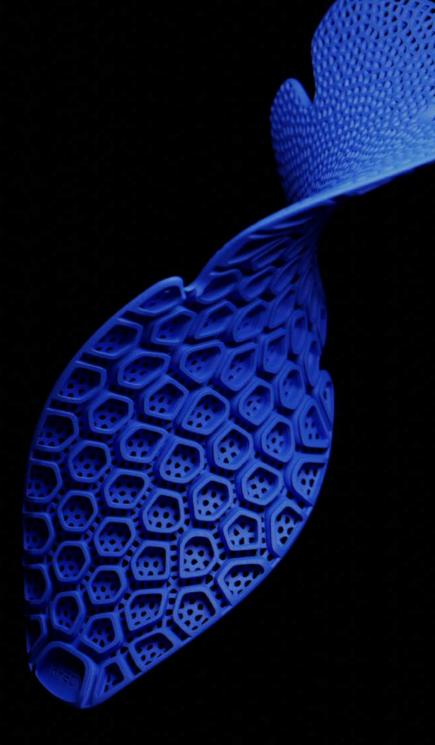
Made for the trails. Virtually disappearing on the climbs, but giving all the protection you need.

COLLECTION GUIDE

### 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.

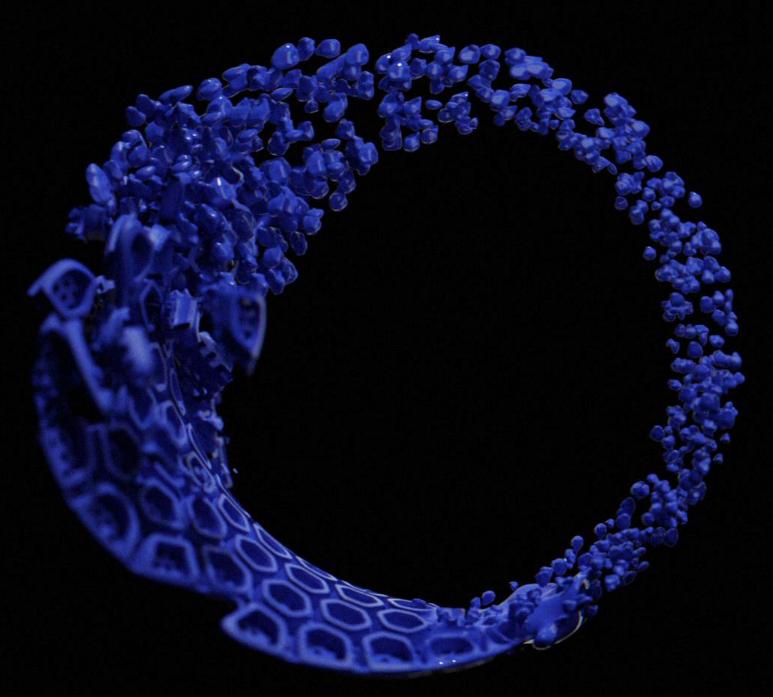
A reactive technology that's shaping a world of new performance properties.

9

### Sustainability

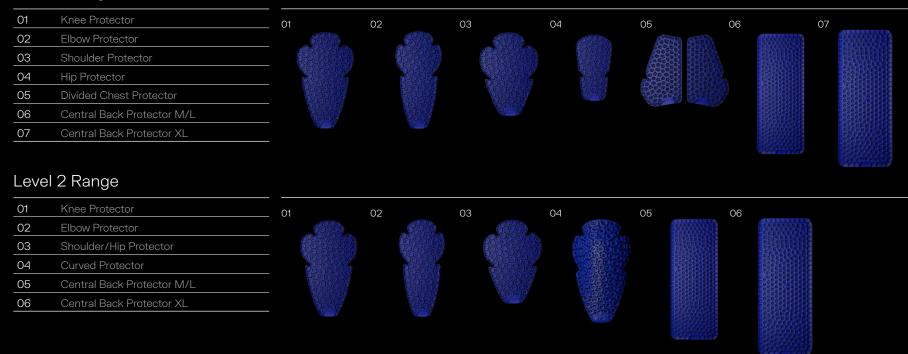
Our mission is clear, to create a technology that leaves the lightest footprint on the environment as possible.

Thanks to our innovative chemistry, our pre-consumer waste is already finding new life as recycled protectors, all without sacrificing performance.



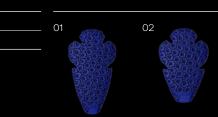
### RANGES IN COLLECTION

#### Level 1 Range



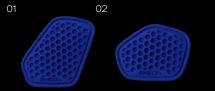
#### Compact Range

- 01 Knee/Elbow Protector
- 02 Shoulder/Hip Protector



#### Footwear Range

- 01 Ankle Protector Shape 1
- 02 Ankle Protector Shape 2



11

## LEVEL 1 RANGE TECHSHEET

#### Knee Protector [01]

_		
<u></u>	PRODUCT CODE	FIN-0300
	EN 1621-1:2012	Level 1
	MATERIAL TYPE	Moulded
	PRODUCT	Knee
1	WEIGHT	69g
	THICKNESS	7mm
	DIMENSIONS	145 x 247mm

#### Shoulder Protector [03]

PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Shoulder
WEIGHT	56g
THICKNESS	7mm
DIMENSIONS	145 x 213mm

#### Divided Chest Protector [05]

	CT CODE	FIN-0107
AREA D		
EN 1621-	3:2018	Level 1
MATERIA	AL TYPE	Moulded
PRODUC	ст	Divided Chest
WEIGHT		148g
THICKN	ESS	11mm
DIMENS	IONS	118 x 211mm

#### Central Back Protector XL [07]

195	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 <sup>[02]</sup>

_		
	PRODUCT CODE	FIN-0303
	EN 1621-1:2012	Level 1
	MATERIAL TYPE	Moulded
	PRODUCT	Elbow
	WEIGHT	56g
	THICKNESS	7mm
	DIMENSIONS	118 x 250mm

#### Hip Protector [04]

		PRODUCT CODE	FIN-0302	
		EN 1621-1:2012	Level 1	
		MATERIAL TYPE	Moulded	
		PRODUCT	Hip	
	1	WEIGHT	40g	
_		THICKNESS	7mm	
		DIMENSIONS	99 x 186mm	

#### Central Back Protector M/L<sup>[06]</sup>

ALL OF	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

#### PROTECTION ĽKSICE LEVEL 1

CARE 

Information is indicative of typical production values

### Knee Protector

LEVEL 1 RANGE

#### Product Details

PRODUCT CODE	FIN-0300
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Knee
WEIGHT	69g
THICKNESS	7mm
DIMENSIONS	145 x 247mm

#### FEATURES & BENEFITS

#### Lightweight

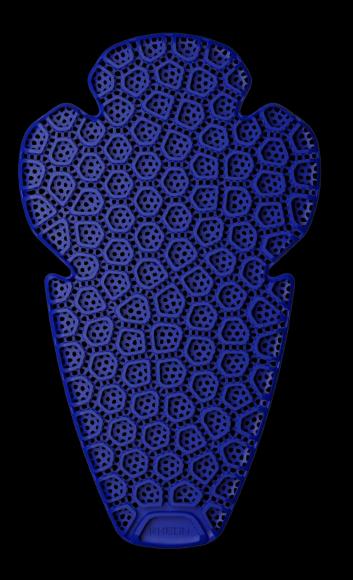
We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.

#### <u>≍</u>∰ Breathable

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

Flexible

PROTECTION	CARE
<b>ĽK∣C€</b> LEVEL 1	



### Elbow Protector

LEVEL 1 RANGE

#### Product Details

FIN-0303
Level 1
Moulded
Elbow
56g
7mm
118 x 250mm

#### FEATURES & BENEFITS

#### Lightweight

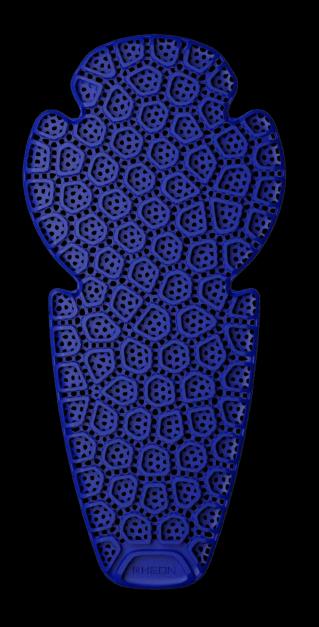
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Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.

Flexible

PROTECTION	CARE
<b>ĽK∣C€</b> LEVEL 1	



### Shoulder Protector

LEVEL 1 RANGE

#### Product Details

PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Shoulder
WEIGHT	56g
THICKNESS	7mm
DIMENSIONS	145 x 213mm

#### FEATURES & BENEFITS

#### Lightweight

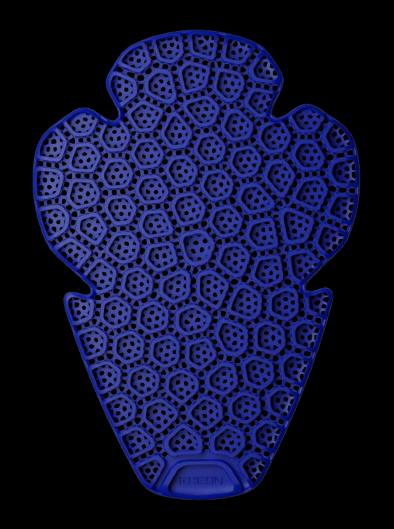
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Flexible

PROTECTION	CARE
<b>ĽK∣C€</b> LEVEL 1	



### Hip Protector

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 186mm

#### FEATURES & BENEFITS

#### Lightweight

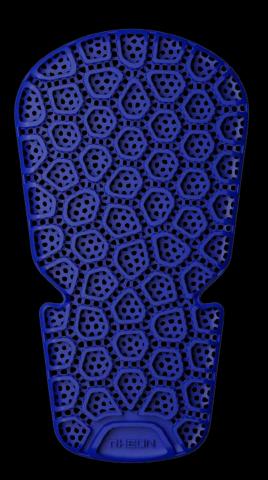
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Flexible

PROTECTION	CARE
<b>ĽK∣C€</b> LEVEL 1	



### Divided Chest Protector

LEVEL 1 RANGE

#### Product Details

PRODUCT CODE	FIN-0107
EN 1621-3:2018	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Divided Chest
WEIGHT	148g
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.

#### <u>چ</u>∥**ئ** Breathable

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

Flexible

PROTECTION	CARE
<b>ĽK∣C€</b> LEVEL 1	



### Central Back Protector M/L

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

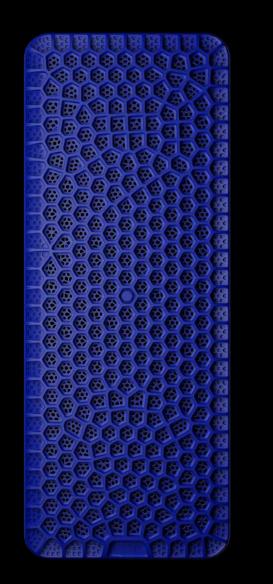
We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.

<u>ञ</u>∥<del>,</del> Breathable

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

Flexible

PROTECTION	CARE
<b>ĽK∣C€</b> LEVEL1	



### Central Back Protector XL

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.

<u>ञ</u>∥<del>,</del> Breathable

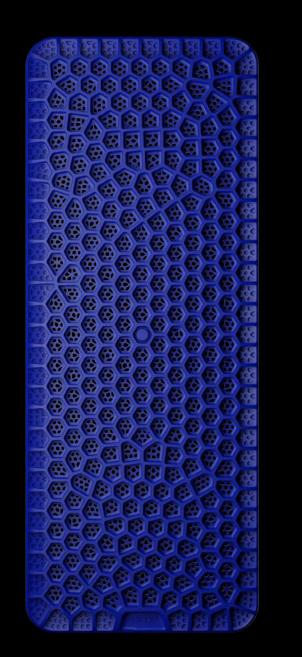
Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.

Flexible

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

PROTECTION	CARE
법(CE LEVEL 1	

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## LEVEL 2 RANGE TECHSHEET

#### 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 251mm

#### Shoulder/Hip Protector [03]

	PRODUCT CODE	FIN-0301
	EN 1621-1:2012	Level 2
	MATERIAL TYPE	Moulded
	PRODUCT	Shoulder/Hip
	WEIGHT	93g
	THICKNESS	11 mm
	DIMENSIONS	148 x 219mm

#### Central Back Protector M/L<sup>[05]</sup>

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

#### Elbow Protector <sup>[02]</sup>

PROTECTION

**ĽK (CE** LEVEL 2

PRODUCT CODE	FIN-0303
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Elbow
WEIGHT	92g
 THICKNESS	11mm
DIMENSIONS	119 x 256mm

CARE

#### Curved Protector [04]

	PRODUCT CODE	FIN-1023
	EN 1621-1:2012	Level 2
	MATERIAL TYPE	Moulded
	PRODUCT	Curved Protector
	WEIGHT	135g
	THICKNESS	10.5mm
	DIMENSIONS	144 x 245mm

#### Central Back Protector XL [06]

Graduation (	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

20

COLLECTION GUIDE

### Knee Protector

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 251mm

#### FEATURES & BENEFITS

#### Lightweight

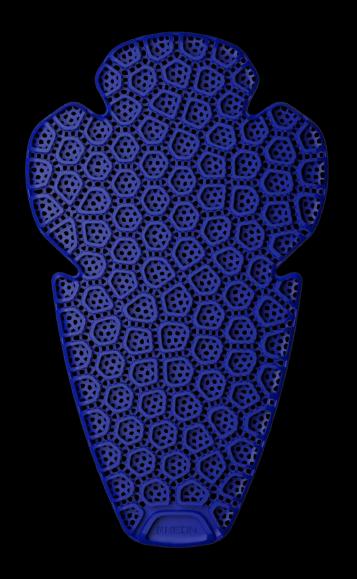
We patented an algorithm that mimics how cells are packed in nature. 100 million years of evolutionary know-how in every single fibre. It helps our materials to be lighter, naturally.

<u>چ</u>∥<u>ئ</u> Breathable

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

Flexible

PROTECTION	CARE
₽¥ICE LEVEL 2	



### Elbow Protector

LEVEL 2 RANGE

#### Product Details

PRODUCT CODE	FIN-0303
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Elbow
WEIGHT	92g
THICKNESS	11mm
DIMENSIONS	119 x 256mm

#### FEATURES & BENEFITS

#### Lightweight

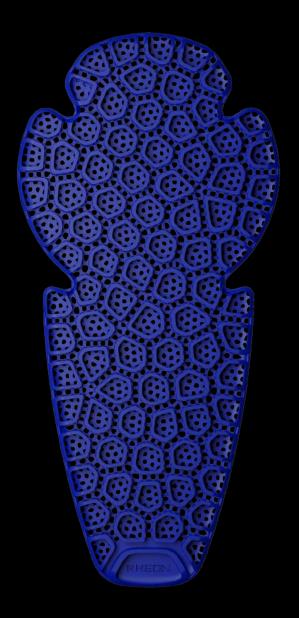
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Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.

Flexible

PROTECTION	CARE
₩ CE LEVEL 2	



### Shoulder/Hip Protector

LEVEL 2 RANGE

#### Product Details

PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Shoulder/Hip
WEIGHT	93g
THICKNESS	11mm
DIMENSIONS	148 x 219mm

#### FEATURES & BENEFITS

#### Lightweight

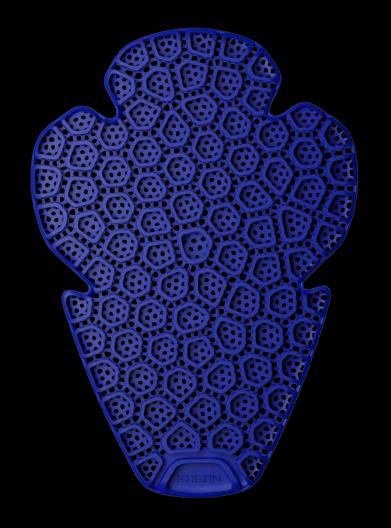
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Flexible

PROTECTION	CARE
<b>ĽK∣C€</b> LEVEL 2	



### Curved Protector

#### Product Details

PRODUCT CODE	FIN-1023
EN 1621-1:2012	Level 2
MATERIAL TYPE	Moulded
PRODUCT	Knee, Elbow, Shoulder
WEIGHT	135g
THICKNESS	10.5mm
DIMENSIONS	144 x 245mm

#### FEATURES & BENEFITS

#### Lightweight

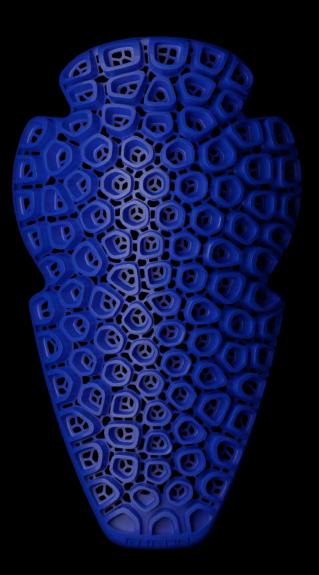
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#### <u>چ</u>∥**ئ** Breathable

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

Flexible

PROTECTION	CARE
<b>K   C E</b> LEVEL 2	



### Central Back Protector M/L

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

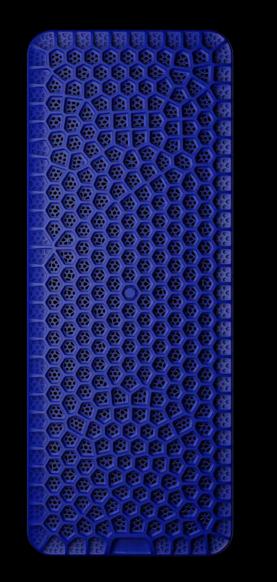
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<u>چ</u>∥<u></u>+ Breathable

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

Flexible

PROTECTION	CARE
<b>ĽK   C E</b> LEVEL 2	



### Central Back Protector XL

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.

<u>ञ</u>∥<del>,</del> Breathable

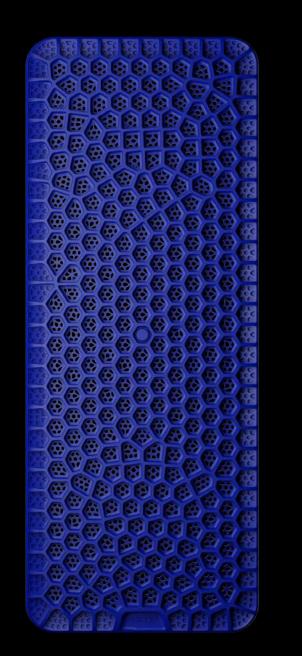
Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.

Flexible

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

PROTECTION	CARE
₽¥ICE LEVEL 2	

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### COMPACT 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	8mm
THICKNESS DIMENSIONS	8mm 116 x 212mm

#### Shoulder/Hip Protector [02]

PRODUCT CODE	FIN-0101
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Shoulder/Hip
WEIGHT	45g
THICKNESS	8mm
DIMENSIONS	116 x 179mm

PROTECTION	CARE
出ていた LEVEL 1	$ \boxtimes \boxtimes$

27

### Knee/Elbow Protector

COMPACT RANGE

#### **Product Details**

PRODUCT CODE	FIN-0100
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Knee/Elbow
WEIGHT	52g
THICKNESS	8mm
DIMENSIONS	116 x 212mm

#### FEATURES & BENEFITS

#### Lightweight

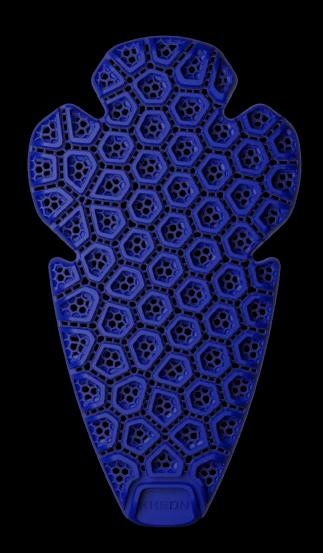
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Cell packing allows air to flow naturally around the rider. Making Armour the most breathable protection in the world.

Flexible

PROTECTION	CARE
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### Shoulder/Hip Protector

COMPACT RANGE

#### **Product Details**

PRODUCT CODE	FIN-0101
EN 1621-1:2012	Level 1
MATERIAL TYPE	Moulded
PRODUCT	Shoulder/Hip
WEIGHT	45g
THICKNESS	8mm
DIMENSIONS	116 x 179mm

#### FEATURES & BENEFITS

#### Lightweight

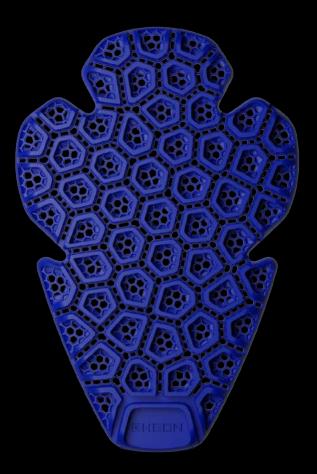
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<u>چ</u>اچ Breathable

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

Flexible

PROTECTION	CARE
としても LEVEL 1	



### FOOTWEAR RANGE TECHSHEET

#### Ankle Protector - Shape 1<sup>[01]</sup>

	PRODUCT CODE	FIN-0008 / FIN-0009 / FIN-0010 / FIN-0011
125555	PART SIZES AVAILABLE	S / M / L / XL
	MATERIAL TYPE	Moulded
8327/	PRODUCT	Ankle protector
100	WEIGHT	6.7g / 9.5g / 10g / 12g
	THICKNESS	5.4mm
	DIMENSIONS	58 x 55mm / 68 x 63mm / 72 x 65mm / 80 x 73mm

#### Ankle Protector - Shape 2<sup>[02]</sup>

Ciceso a	PRODUCT CODE	FIN-0004 / FIN-0005 / FIN-0006 / FIN-0007
	PART SIZES AVAILABLE	S / M / L / XL
887)	MATERIAL TYPE	Moulded
	PRODUCT	Ankle protector
	WEIGHT	5.4g / 7.3g / 7.9g / 10g
	THICKNESS	5.4mm
	DIMENSIONS	54 x 40mm / 64 x 47mm / 67 x 48mm / 73 x 56mm

COLLECTION GUIDE

30

### Ankle Protector Shape 1

#### **Product Details**

PRODUCT CODE	FIN-0008 / FIN-0009 / FIN-0010 / FIN-0011
PART SIZES AVAILABLE	S/M/L/XL
MATERIAL TYPE	Moulded
PRODUCT	Ankle protector
WEIGHT	6.7g / 9.5g / 10g / 12g
THICKNESS	5.4mm
DIMENSIONS	58 x 55mm / 68 x 63mm / 72 x 65mm / 80 x 73mm

#### FEATURES & BENEFITS

#### Lightweight

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#### <u>ञ</u>∥<del>,</del> Breathable

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

Flexible



### Ankle Protector Shape 2

Product Details

PRODUCT CODE	FIN-0004 / FIN-0005 / FIN-0006 / FIN-0007
PART SIZES AVAILABLE	S / M / L / XL
MATERIAL TYPE	Moulded
PRODUCT	Ankle protector
WEIGHT	5.4g / 7.3g / 7.9g / 10g
THICKNESS	5.4mm
DIMENSIONS	54 x 40mm / 64 x 47mm / 67 x 48mm / 73 x 56mm

#### FEATURES & BENEFITS

Lightweight

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Flexible



### CONTACT

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

- → Website rheonlabs.com
- → Email Paul.Farrar@rheonlabs.com



33