

RHEON

ARMOUR COLLECTION



CONTENTS

01 About

02 Technology

03 Range ^[1] ^[2] ^[Compact]

04 Contact

Trusted Partners



RHEON™ ARMOUR

COLLECTION GUIDE

© RHEON LABS





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
Director of Body Armour

Proven to Protect

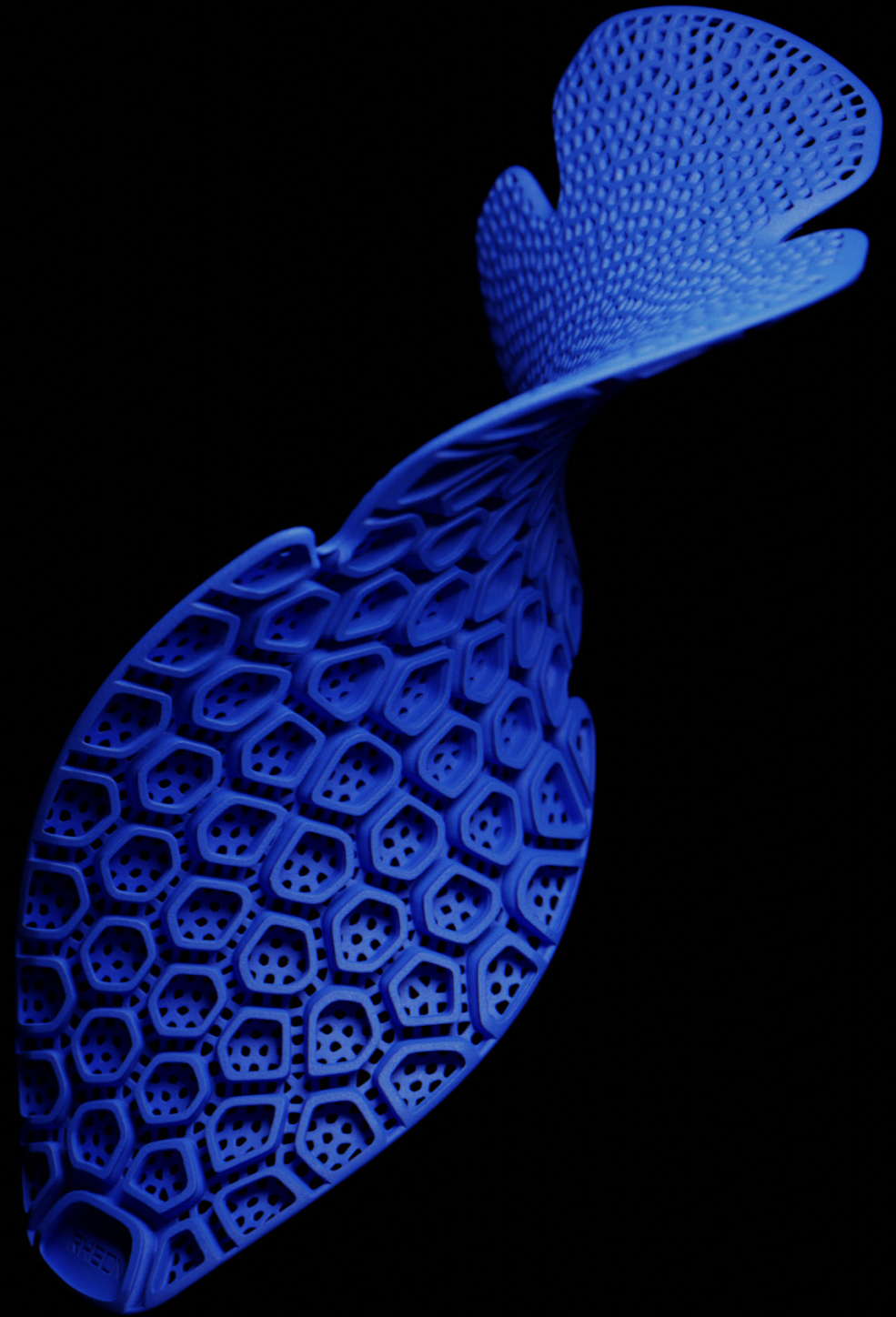
RHEON™ is an energy absorbing polymer. Soft and flexible in it's natural state, it stiffens dynamically when subjected to an impact.

This dynamic quality allows it to absorb slight knocks and bumps, stiffening up to react to higher-energy impacts in the event of an accident.

This is the next generation of rider protection technology that enhances comfort, safety and the overall ride experience.

Built for Real Rides

Our patented geometric structures enhance breathability and flexibility, whilst also making RHEON™ Armour lighter and more adaptive than ever.



Lightweight. Breathable. Flexible.

RHEON™ Armour is lightweight and made to feel invisible when worn. It delivers CE certified impact protection without restricting movement, so riders can stay focused and comfortable.

The engineered cell structure promotes constant airflow, allowing heat to dissipate naturally. Combined with a dynamic material that remains soft until impact, RHEON™ Armour provides flexible protection that reacts in real time, boosting safety without compromising the riders experience.

Our commitment to sustainability

Post-Industrial Waste

We capture and reuse most of our post-industrial waste while maintaining performance standards. RHEON™ Armour parts can be recycled via our RHE-Cycle™ scheme.

Supply Chain Management

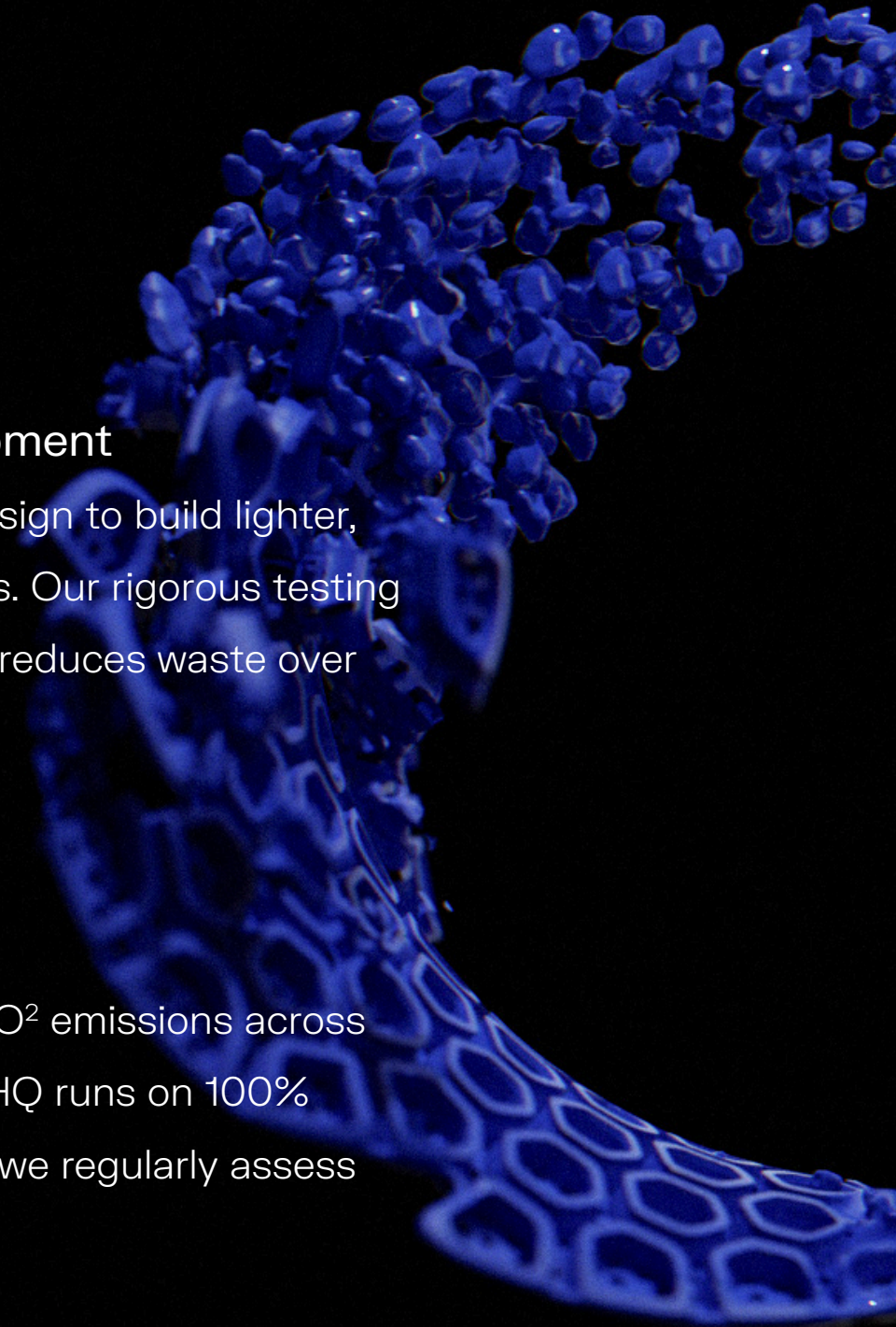
We work only with suppliers who sign our Global Supplier Code of Conduct, committing to responsible labour, environmental and business practices.

Design and Development

We use data-driven design to build lighter, more efficient products. Our rigorous testing ensures durability and reduces waste over time.

Production

We map and reduce CO² emissions across our supply chain. Our HQ runs on 100% renewable energy and we regularly assess Scope 3 impact.



RHE-Cycle™

At RHEON LABS, we're committed to reducing our environmental impact.

That's why we're introducing the RHE-Cycle™ Scheme – our initiative to close the loop on the life-cycle of our body armour.

Our design, development and production methods ensure a long life for your armour. However, if you do need to dispose of it, you can now return it to us so we can recycle the materials, reinventing them into new pieces of our high-performance protective armour – reducing waste and keeping valuable resources in use.

How it works:

Return – Send your used RHEON™ body armour back to us using our prepaid return label.*

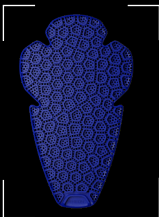
Recycle – We'll process the RHEON™ material for reuse in our recycled product line.

Reinvent – Your old gear becomes part of the next generation of sustainable protection – helping us build a more circular future, where protection doesn't come at the planet's expense.

*UK Only

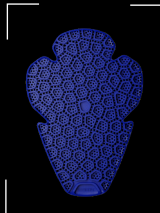
LEVEL 1 RANGE TECHSHEET

Knee Protector ^[01]



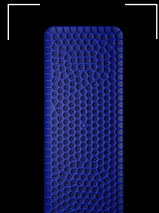
PRODUCT CODE	FIN-0300
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H
WEIGHT	69g
THICKNESS	7mm
DIMENSIONS	145 x 247mm

Shoulder Protector ^[03]



PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H
WEIGHT	56g
THICKNESS	7mm
DIMENSIONS	145 x 213mm

Central Back Protector M/L ^[05]



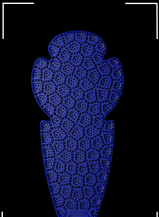
PRODUCT CODE	FIN-0108
EN 1621-2:2014	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Central Back M/L
WEIGHT	230g
THICKNESS	10mm
DIMENSIONS	144 x 364mm

Divided Chest Protector ^[07]



PRODUCT CODE	FIN-0107
EN 1621-3:2018	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Divided Chest
WEIGHT	148g
THICKNESS	11mm
DIMENSIONS	118 x 211mm

Elbow Protector ^[02]



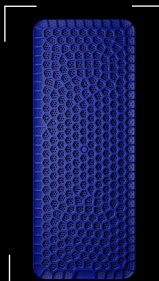
PRODUCT CODE	FIN-0303
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	E
WEIGHT	56g
THICKNESS	7mm
DIMENSIONS	118 x 250mm

Hip Protector ^[04]



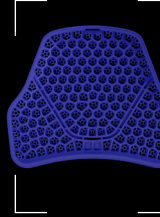
PRODUCT CODE	FIN-0302
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	H
WEIGHT	40g
THICKNESS	7mm
DIMENSIONS	99 x 186mm

Central Back Protector XL ^[06]



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

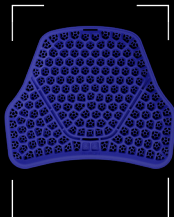
Full Chest Protector ^[08]



PRODUCT CODE	FIN-1026
EN 1621-3:2018	Level 1 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Chest Type B
WEIGHT	238g [250g]
THICKNESS	11mm
DIMENSIONS	299 x 239mm

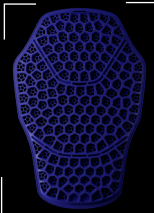
LEVEL 1 RANGE TECHSHEET

Full Chest Protector^[09]



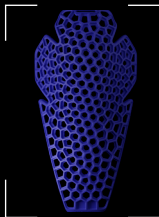
PRODUCT CODE	FIN-1027
EN 1621-3:2018	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Chest Type A
WEIGHT	171g
THICKNESS	11mm
DIMENSIONS	211 x 259mm

Full Back S/M^[11]



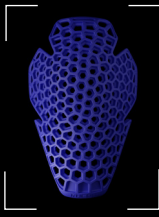
PRODUCT CODE	FIN-1037
EN 1621-2:2014	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Back
WEIGHT	255g
THICKNESS	16mm
DIMENSIONS	395 x 260mm

Curved Limb^[13]



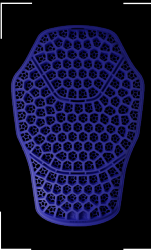
PRODUCT CODE	FIN-1035
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H - Type B
WEIGHT	68g
THICKNESS	6.5 mm
DIMENSIONS	250 x 126 mm

Curved Shoulder^[15]



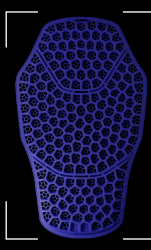
PRODUCT CODE	FIN-1099
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H - Type B K/E - Type A
WEIGHT	60g
THICKNESS	6.5mm
DIMENSIONS	190 x 126 mm

Full Back XXS/XS^[10]



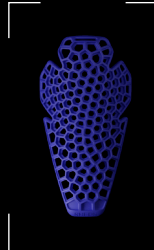
PRODUCT CODE	FIN-1045
EN 1621-2:2014	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Back
WEIGHT	196g
THICKNESS	9mm
DIMENSIONS	333 x 221 mm

Full Back L/XL^[12]



PRODUCT CODE	FIN-1038
EN 1621-2:2014	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Back
WEIGHT	283g
THICKNESS	9mm
DIMENSIONS	438 x 260 mm

Curved Limb^[14]



PRODUCT CODE	FIN-1033
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S - Type A H - Type B
WEIGHT	44g
THICKNESS	6.5mm
DIMENSIONS	201 x 104 mm

Knee Protector^[01]

LEVEL 1 RANGE

Product Details

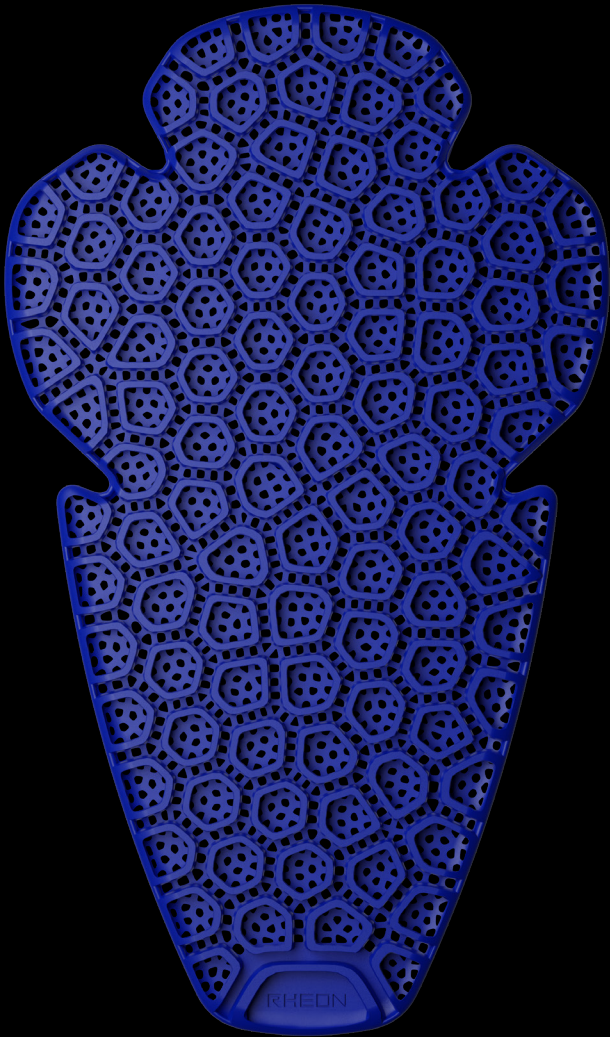
PRODUCT CODE	FIN-0300
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H
WEIGHT	69g
THICKNESS	7mm
DIMENSIONS	145 x 247mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Elbow Protector^[02]

LEVEL 1 RANGE

Product Details

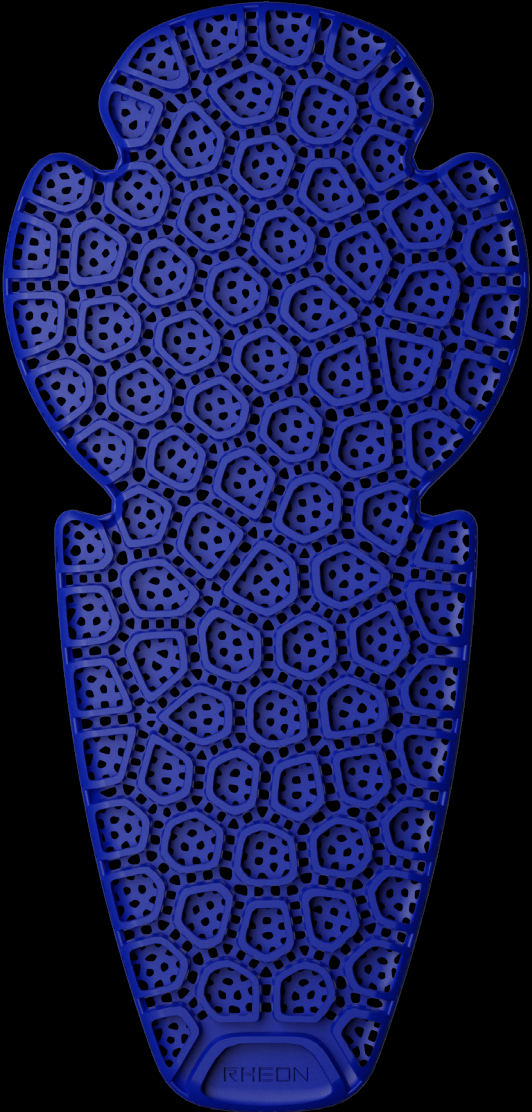
PRODUCT CODE	FIN-0303
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	E
WEIGHT	56g
THICKNESS	7mm
DIMENSIONS	118 x 250mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
    



Shoulder Protector^[03]

LEVEL 1 RANGE

Product Details

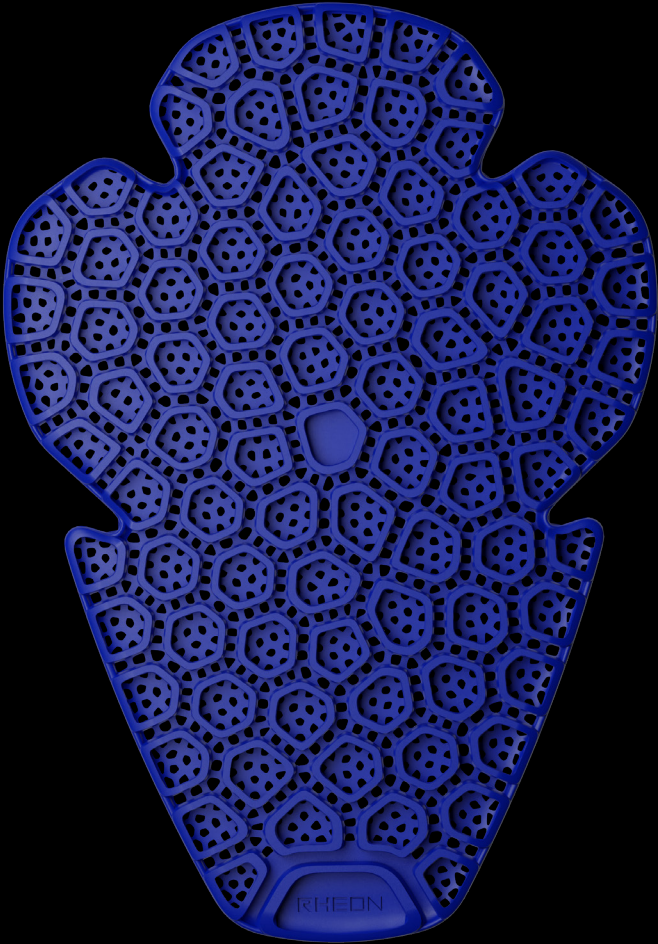
PRODUCT CODE	FIN-0301
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H - Type B K/E - Type A
WEIGHT	56g
THICKNESS	7mm
DIMENSIONS	145 x 213mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Hip Protector^[04]

LEVEL 1 RANGE

Product Details

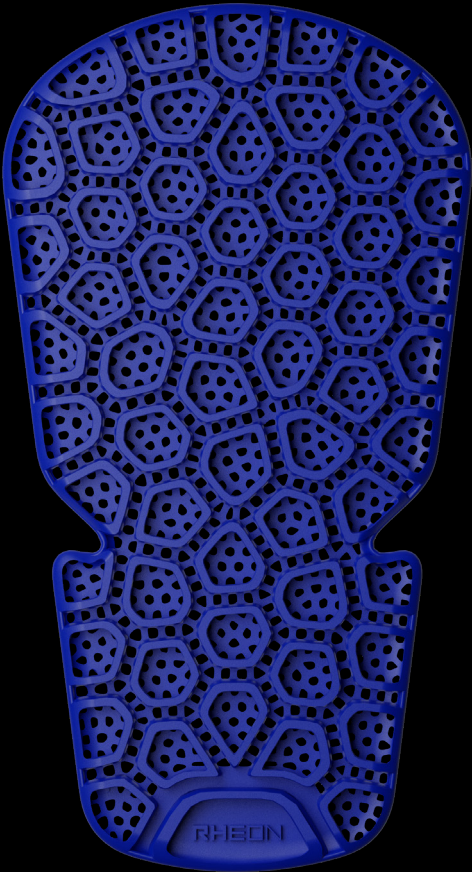
PRODUCT CODE	FIN-0302
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	H
WEIGHT	40g
THICKNESS	7mm
DIMENSIONS	99 x 186mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable, Machine Washable, Dry Cleanable, No Iron, No Dry Clean



Central Back Protector M/L ^[05]

LEVEL 1 RANGE

Product Details

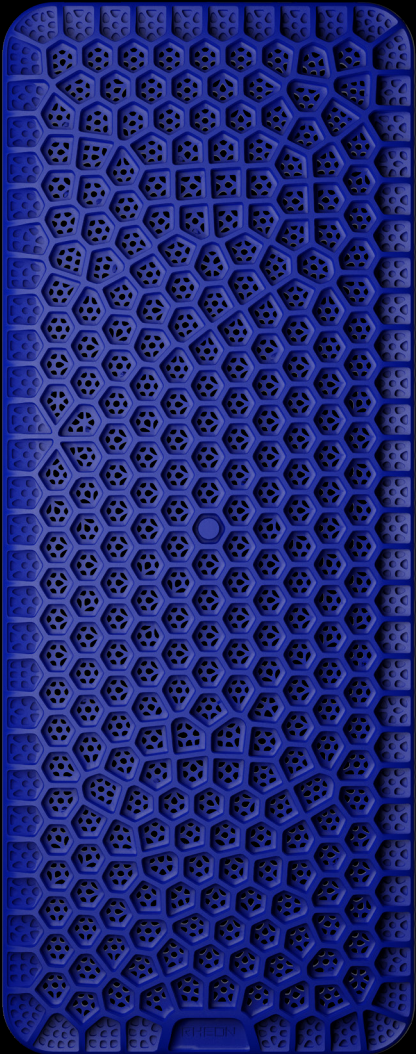
PRODUCT CODE	FIN-0108
EN 1621-2:2014	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Central Back M/L
WEIGHT	230g
THICKNESS	10mm
DIMENSIONS	144 x 364mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable, Machine Washable, Dry Cleanable, No Iron, No Dry Clean



Central Back Protector XL^[06]

LEVEL 1 RANGE

Product Details

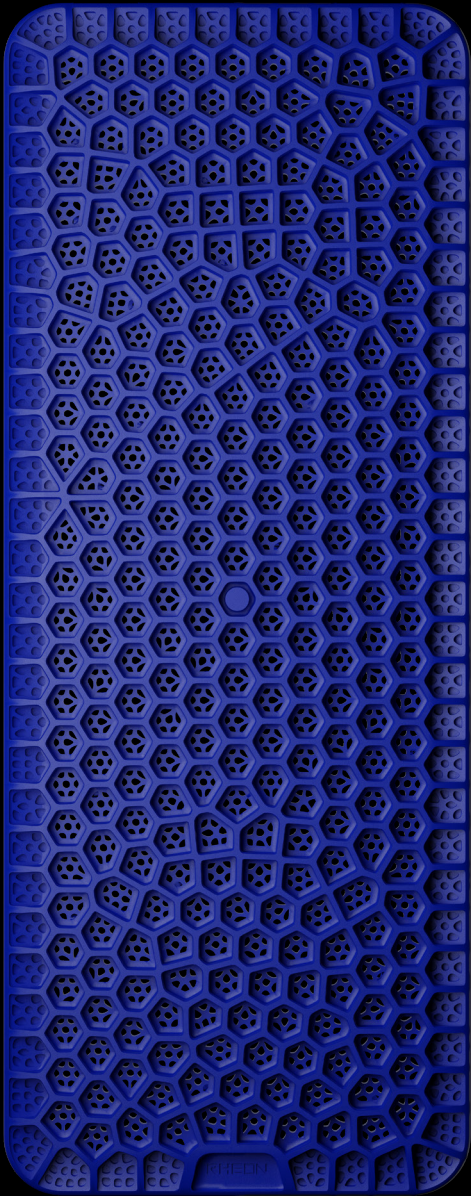
PRODUCT CODE	FIN-0109
EN 1621-2:2014	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Central Back XL
WEIGHT	284g
THICKNESS	10mm
DIMENSIONS	157 x 400mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Divided Chest Protector^[07]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-0107
EN 1621-3:2018	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Divided Chest
WEIGHT	148g
THICKNESS	11mm
DIMENSIONS	118 x 211mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Full Chest Protector^[08]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-1026
EN 1621-3:2018	Level 1 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Chest Type B
WEIGHT	238g [250g]
THICKNESS	11mm
DIMENSIONS	299 x 230mm

FEATURES & BENEFITS

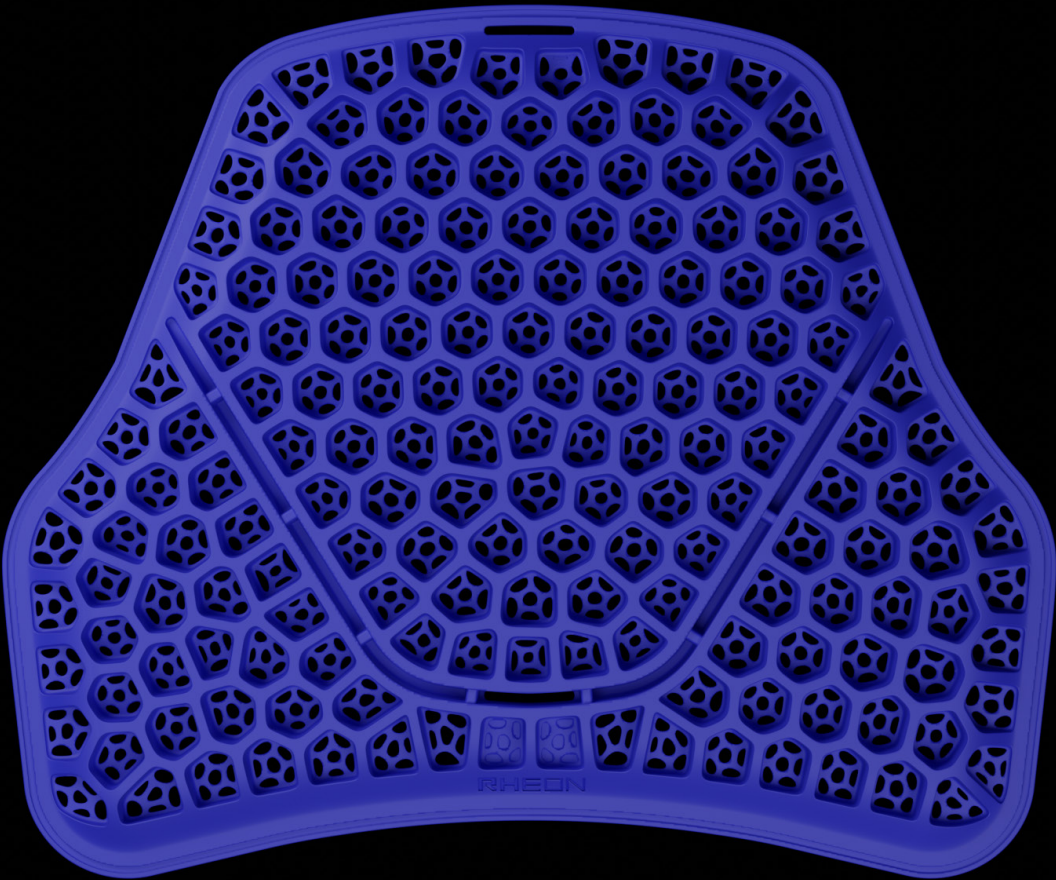
-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION

UK | CE LEVEL 1

CARE

Washable Machine Dryable No Iron No Dry Clean



Full Chest Protector^[09]

LEVEL 1 RANGE

Product Details

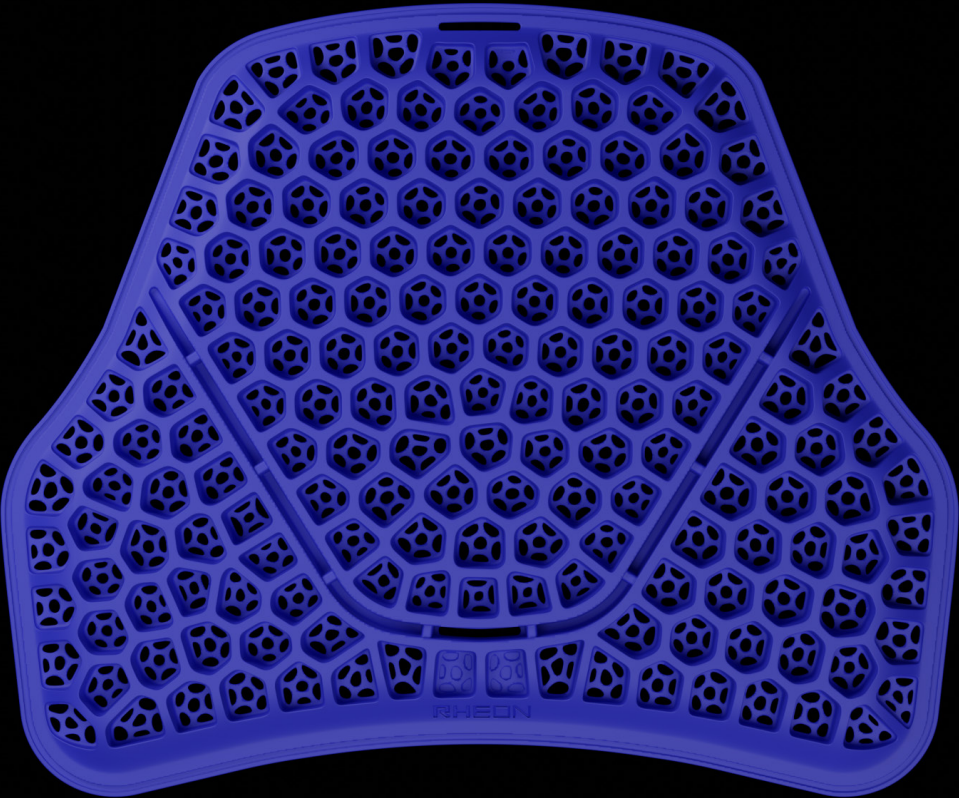
PRODUCT CODE	FIN-1027
EN 1621-3:2018	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Chest Type A
WEIGHT	171g
THICKNESS	11mm
DIMENSIONS	211 x 259mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable



Full Back XXS/XS^[10]

LEVEL 1 RANGE

Product Details

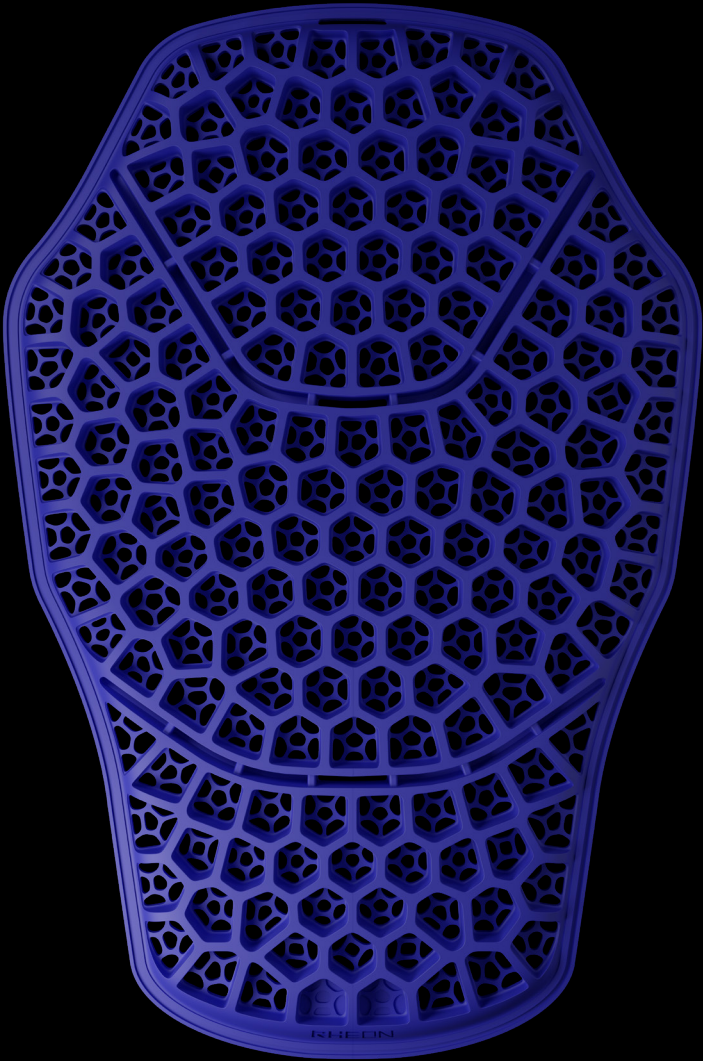
PRODUCT CODE	FIN-1045
EN 1621-2:2014	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Back XXS/XS
WEIGHT	196g
THICKNESS	9mm
DIMENSIONS	333 X 221mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Full Back S/M^[1]

LEVEL 1 RANGE

Product Details

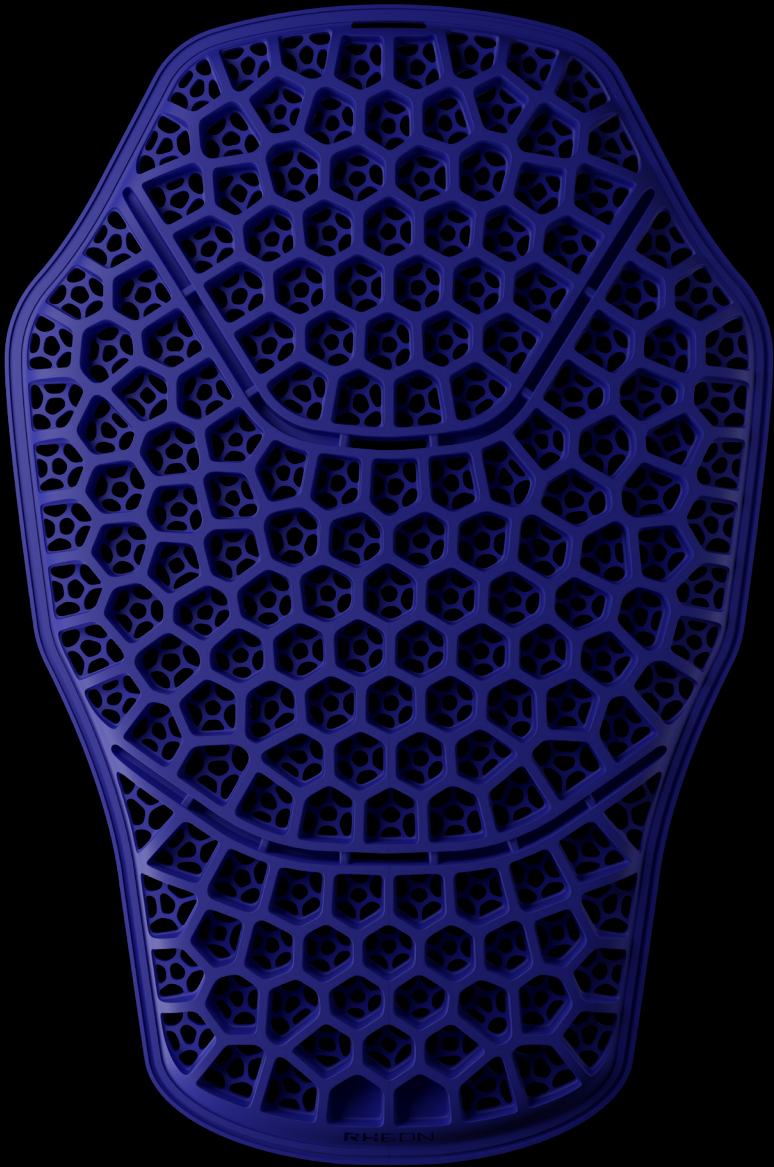
PRODUCT CODE	FIN-1037
EN 1621-2:2014	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Back S/M
WEIGHT	255g
THICKNESS	9mm
DIMENSIONS	395 X 260mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Full Back L/XL^[12]

LEVEL 1 RANGE

Product Details

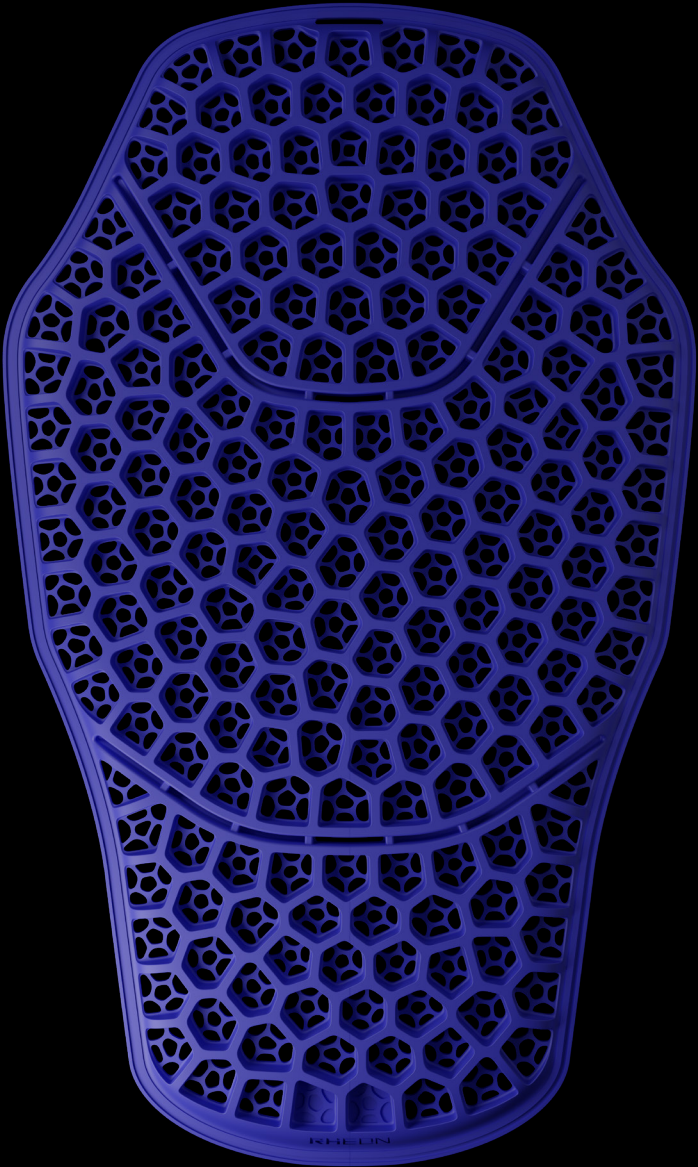
PRODUCT CODE	FIN-1038
EN 1621-2:2014	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Back L/XL
WEIGHT	283g
THICKNESS	9mm
DIMENSIONS	438 x 260mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Curved Limb^[13]

LEVEL 1 RANGE

Product Details

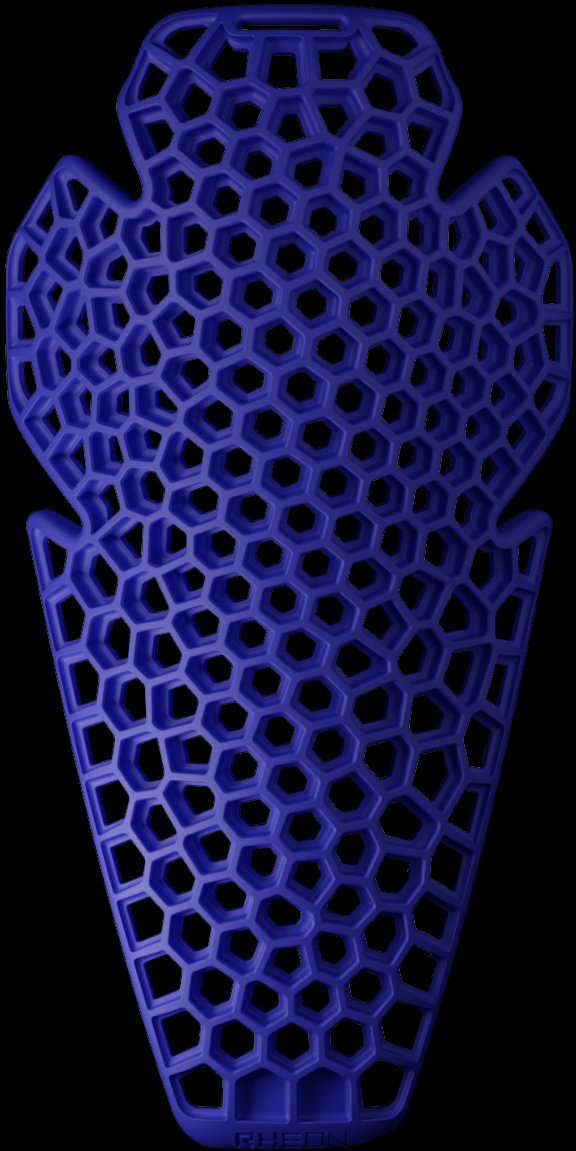
PRODUCT CODE	FIN-1035
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H - Type B
WEIGHT	68g
THICKNESS	6.5mm
DIMENSIONS	250 X 126mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
🧼 ⚡ 🚫 🚫 🚫



Curved Limb^[14]

LEVEL 1 RANGE

Product Details

PRODUCT CODE	FIN-1033
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S - Type A H - Type B
WEIGHT	44g
THICKNESS	6.5mm
DIMENSIONS	201 x 104mm

FEATURES & BENEFITS

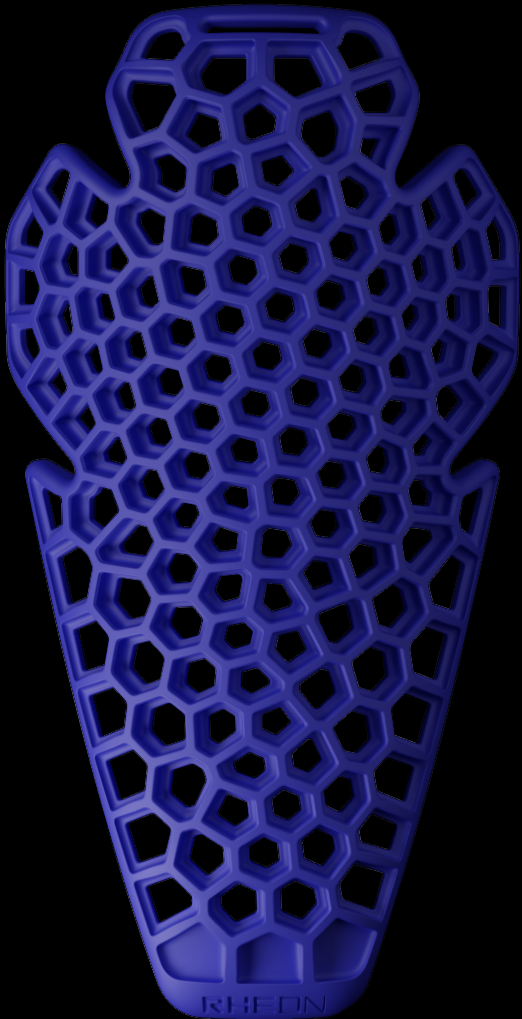
-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION

UK | CE LEVEL 1

CARE

Washable Drying Ironing No Dry Clean



Curved Shoulder^[15]

LEVEL 1 RANGE

Product Details

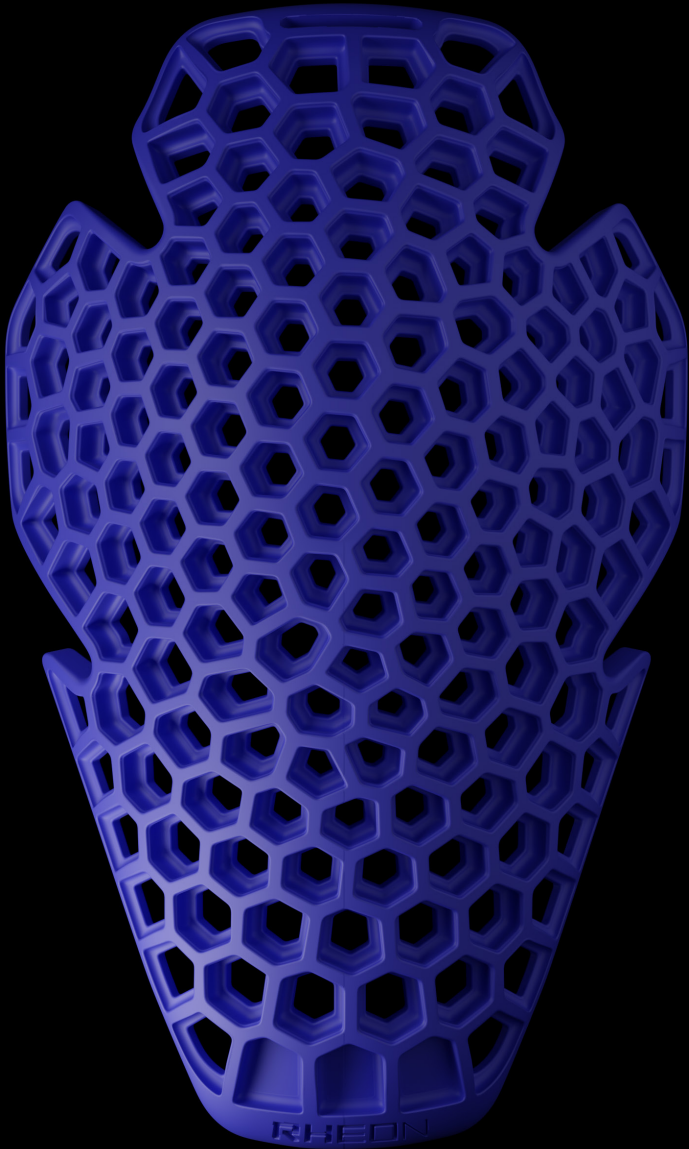
PRODUCT CODE	FIN-1099
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H -Type B K/E - Type A
WEIGHT	60g
THICKNESS	6.5mm
DIMENSIONS	190 x 126mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

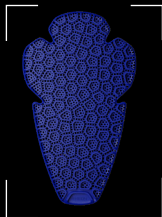
CARE
🧼 ⚡ 🚫 🚫 🚫





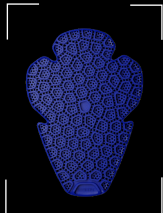
LEVEL 2 RANGE TECHSHEET

Knee Protector [01]



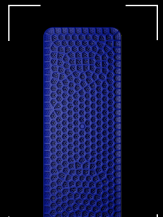
PRODUCT CODE	FIN-0400
EN 1621-1:2012	Level 2 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H
WEIGHT	110g
THICKNESS	11mm
DIMENSIONS	146 x 251mm

Shoulder/Hip Protector [03]



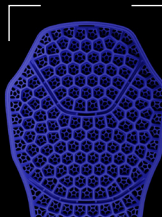
PRODUCT CODE	FIN-0401
EN 1621-1:2012	Level 2 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H
WEIGHT	93g
THICKNESS	11 mm
DIMENSIONS	148 x 219mm

Central Back Protector M/L [05]



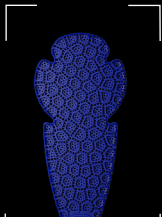
PRODUCT CODE	FIN-0404
EN 1621-2:2014	Level 2
MATERIAL TYPE	Moulded
DESIGNATION	Central Back M/L
WEIGHT	260g
THICKNESS	14mm
DIMENSIONS	144 x 364mm

Full Back Protector S/M [07]



PRODUCT CODE	FIN-1024
EN 1621-3:2018	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Back S/M
WEIGHT	355g [373g]
THICKNESS	16mm
DIMENSIONS	260 x 395mm

Elbow Protector [02]



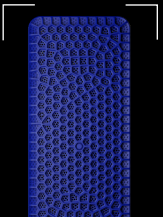
PRODUCT CODE	FIN-0403
EN 1621-1:2012	Level 2 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	E
WEIGHT	92g
THICKNESS	11mm
DIMENSIONS	119 x 256mm

Curved Protector [04]



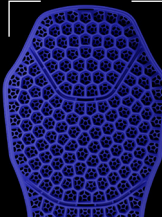
PRODUCT CODE	FIN-1023
EN 1621-1:2012	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S
WEIGHT	129g [135g]
THICKNESS	10.5mm
DIMENSIONS	144 x 245mm

Central Back Protector XL [06]



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

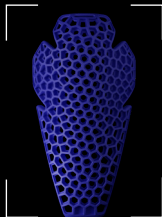
Full Back Protector L/XL [08]



PRODUCT CODE	FIN-1025
EN 1621-3:2018	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Back L/XL
WEIGHT	379g [394g]
THICKNESS	16mm
DIMENSIONS	260 x 438mm

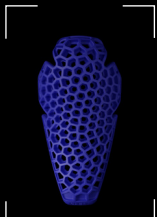
LEVEL 2 RANGE TECHSHEET

Curved Limb [09]



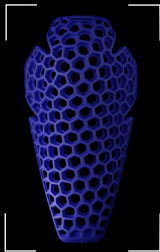
PRODUCT CODE	FIN-1036
EN 1621-1:2012	Level 2 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H - Type B
WEIGHT	98g
THICKNESS	9mm
DIMENSIONS	250 x 126mm

Curved Limb [11]



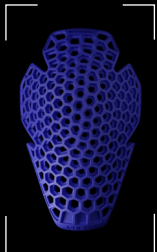
PRODUCT CODE	FIN-1096
EN 1621-1:2012	Level 2 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S - Type A H - Type B
WEIGHT	69g
THICKNESS	9mm
DIMENSIONS	201 x 124mm

Ultra Light Curved Limb [10]



PRODUCT CODE	FIN-1042
EN 1621-1:2012	Level 2 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H - Type B
WEIGHT	86g
THICKNESS	9mm
DIMENSIONS	250 x 126mm

Curved Shoulder [12]



PRODUCT CODE	FIN-1097
EN 1621-1:2012	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H - Type B K/E - Type A
WEIGHT	77g
THICKNESS	9mm
DIMENSIONS	190 x 126mm

Knee Protector^[01]

LEVEL 2 RANGE

Product Details

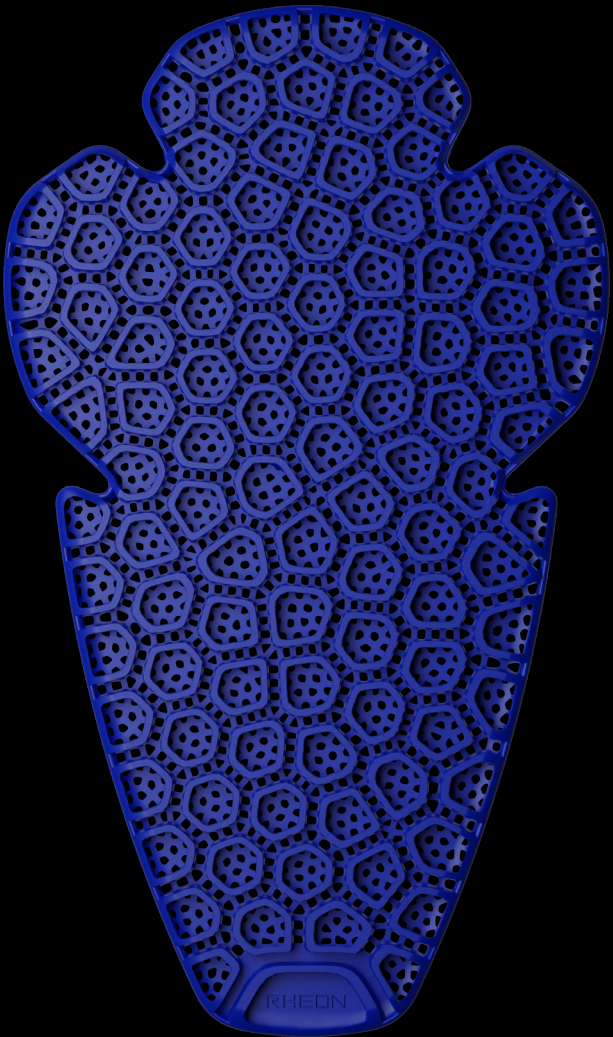
PRODUCT CODE	FIN-0400
EN 1621-1:2012	Level 2 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H
WEIGHT	110g
THICKNESS	11mm
DIMENSIONS	146 x 251mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Elbow Protector^[02]

LEVEL 2 RANGE

Product Details

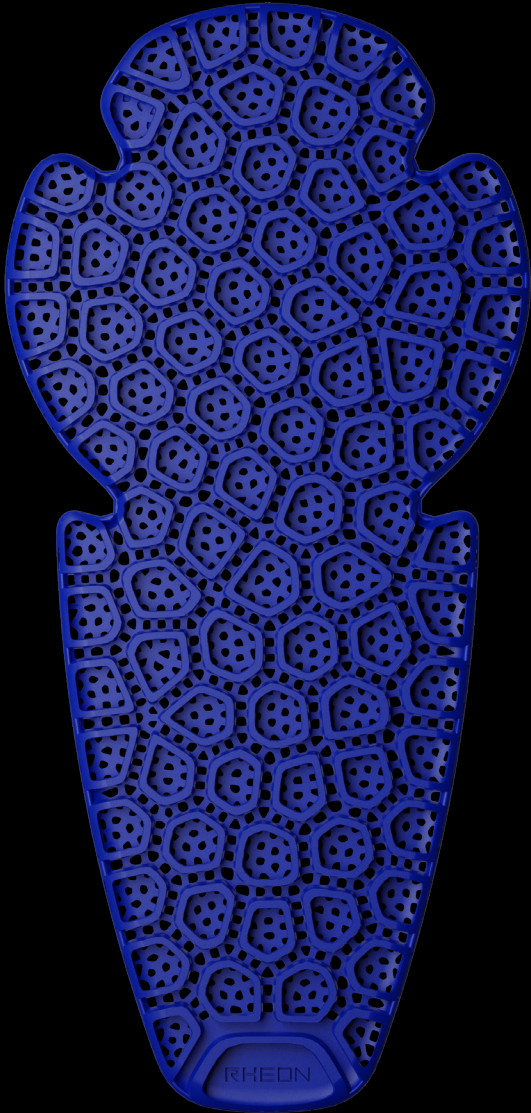
PRODUCT CODE	FIN-0403
EN 1621-1:2012	Level 2 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	E
WEIGHT	92g
THICKNESS	11mm
DIMENSIONS	119 x 256mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
🧼 ✂️ 🚫 🚫 🚫



Shoulder/Hip Protector^[03]

LEVEL 2 RANGE

Product Details

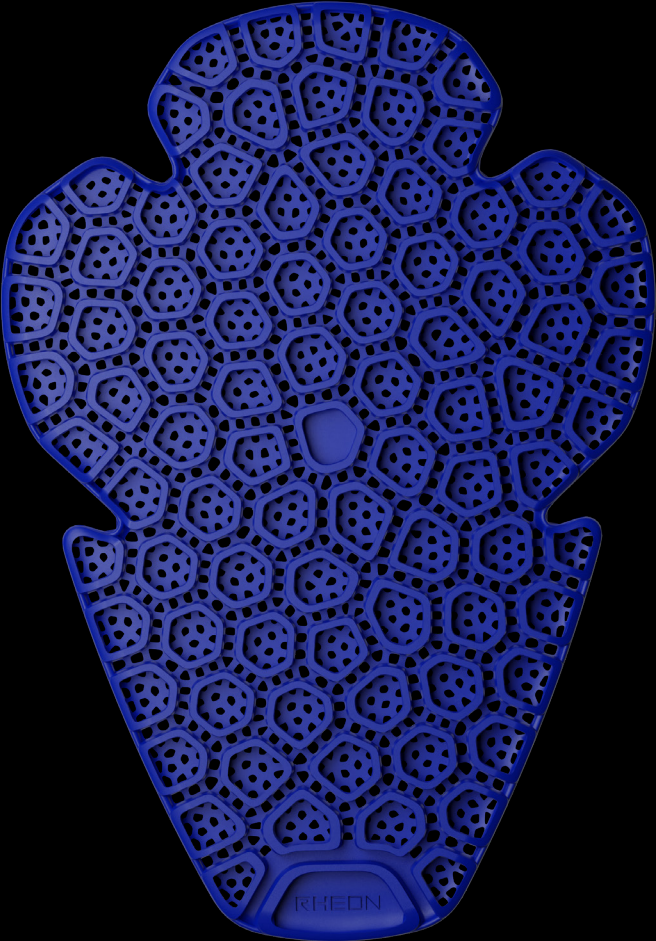
PRODUCT CODE	FIN-0401
EN 1621-1:2012	Level 2 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H
WEIGHT	93g
THICKNESS	11mm
DIMENSIONS	148 x 219mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Curved Protector^[04]

LEVEL 2 RANGE

Product Details

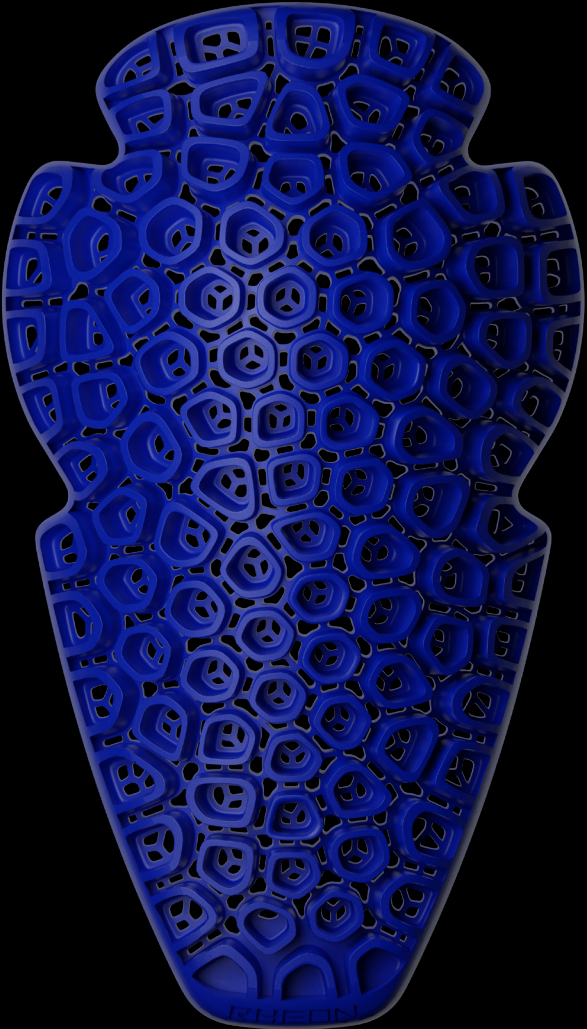
PRODUCT CODE	FIN-1023
EN 1621-1:2012	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S
WEIGHT	129g [135g]
THICKNESS	10.5mm
DIMENSIONS	144 x 245mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Central Back Protector M/L ^[05]

LEVEL 2 RANGE

Product Details

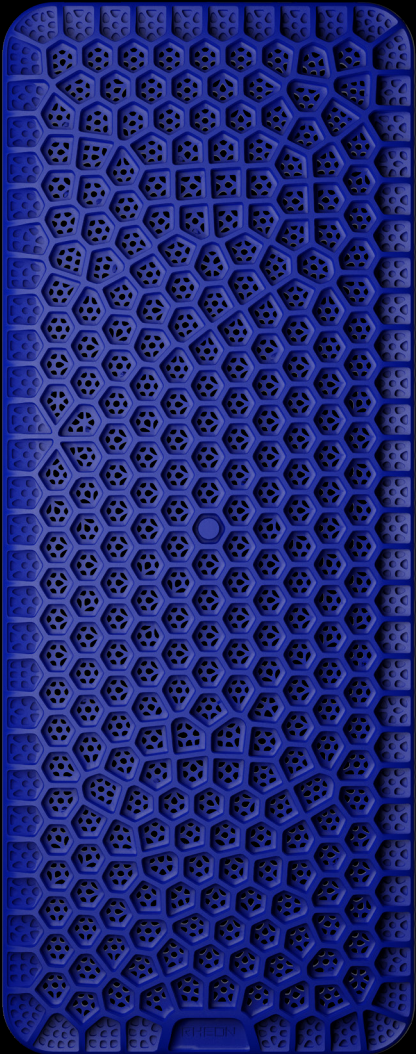
PRODUCT CODE	FIN-0404
EN 1621-2:2014	Level 2
MATERIAL TYPE	Moulded
DESIGNATION	Central Back M/L
WEIGHT	260g
THICKNESS	14mm
DIMENSIONS	144 x 365mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
Washable, Machine Washable, Dry Cleanable, No Iron, No Dry Clean



Central Back Protector XL^[06]

LEVEL 2 RANGE

Product Details

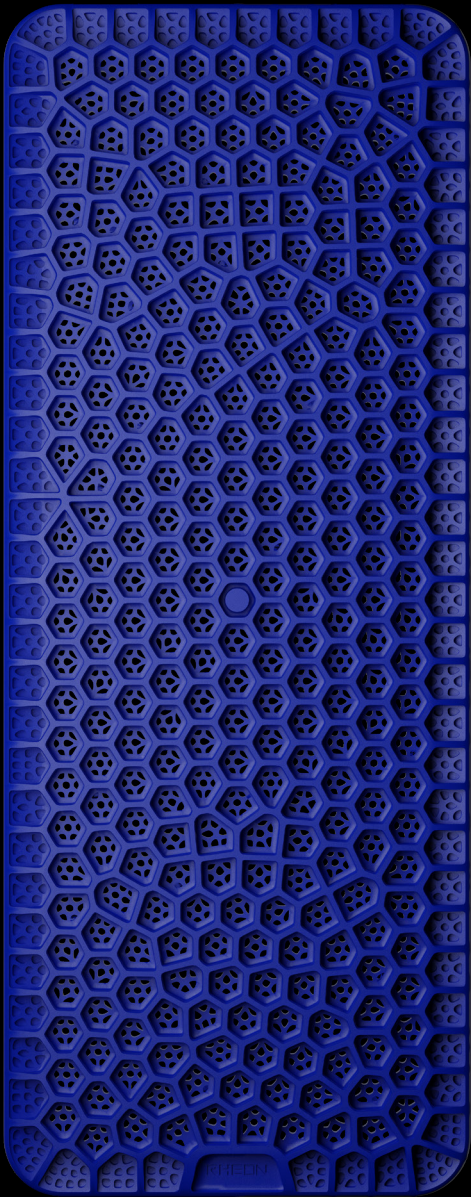
PRODUCT CODE	FIN-0405
EN 1621-2:2014	Level 2
MATERIAL TYPE	Moulded
DESIGNATION	Central Back XL
WEIGHT	310g
THICKNESS	14mm
DIMENSIONS	157 x 400mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
Washable, Machine Washable, Dry Cleanable, No Iron, No Dry Clean



Full Back Protector S/M ^[07]

LEVEL 2 RANGE

Product Details

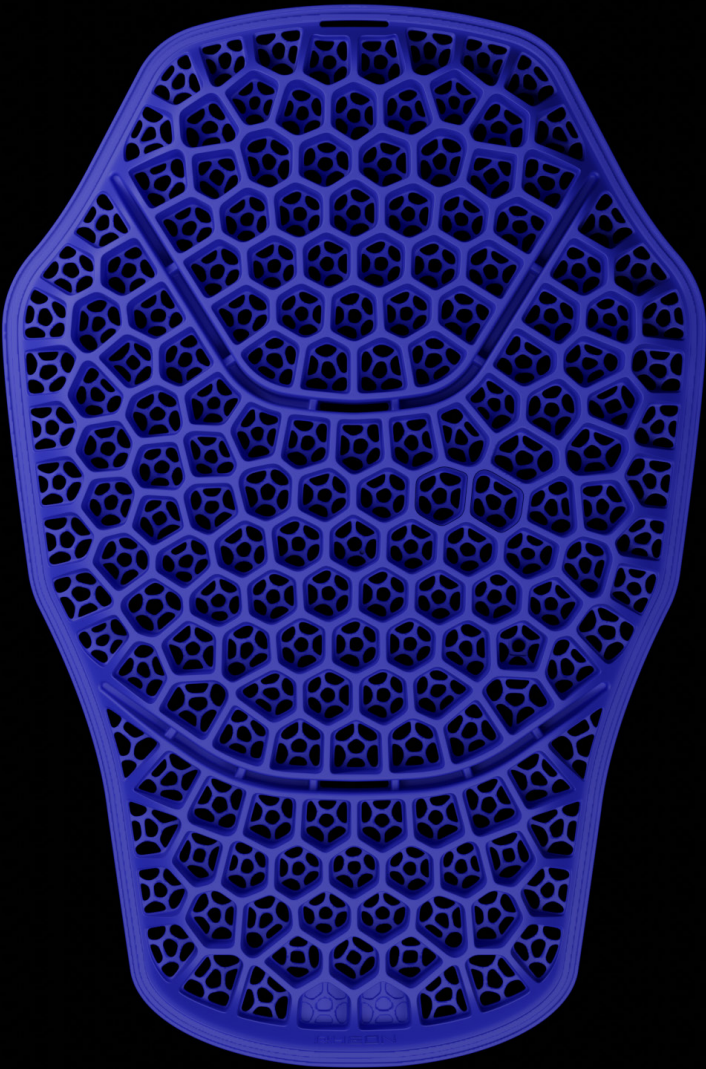
PRODUCT CODE	FIN-1024
EN 1621-2:2014	Level 2 [opt T-]
MATERIAL TYPE	Moulded
PRODUCT	Full Back S/M
DESIGNATION	355g [373g]
THICKNESS	16mm
DIMENSIONS	260 x 395mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
Washable
Dry cleanable
Machine washable
Machine washable



Full Back Protector L/XL ^[08]

LEVEL 2 RANGE

Product Details

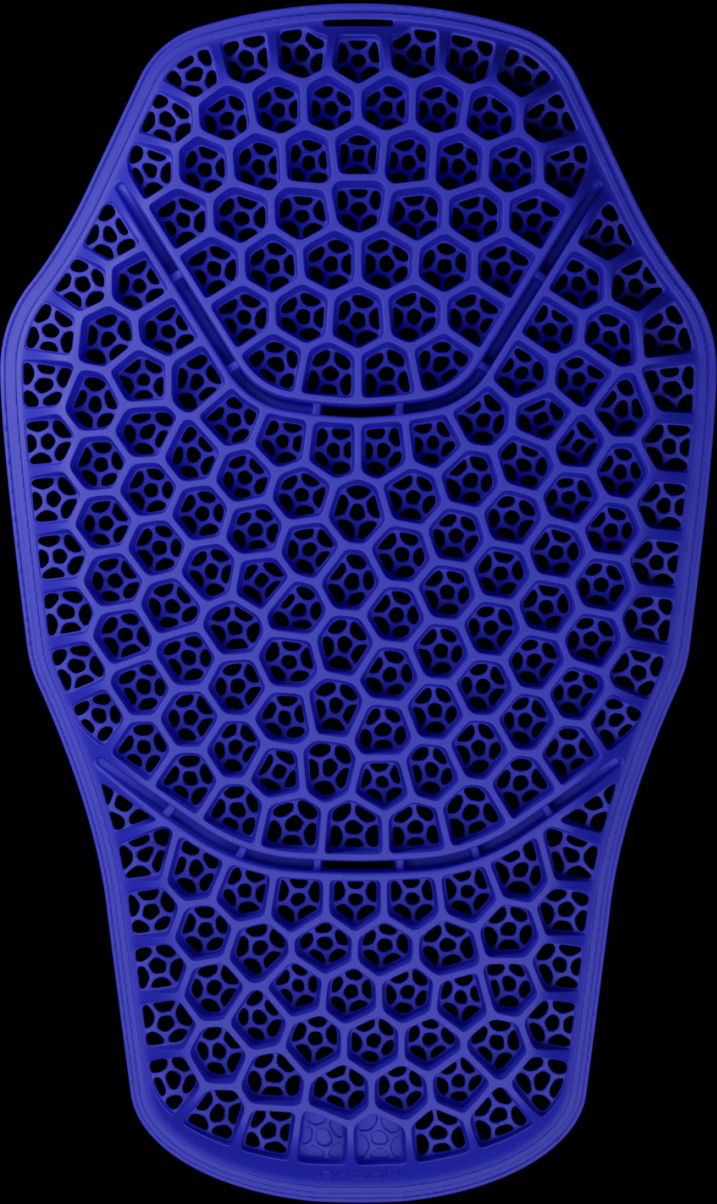
PRODUCT CODE	FIN-1025
EN 1621-2:2014	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	Full Back L/XL
WEIGHT	379g [394g]
THICKNESS	16mm
DIMENSIONS	260 x 438mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Curved Limb^[09]

LEVEL 2 RANGE

Product Details

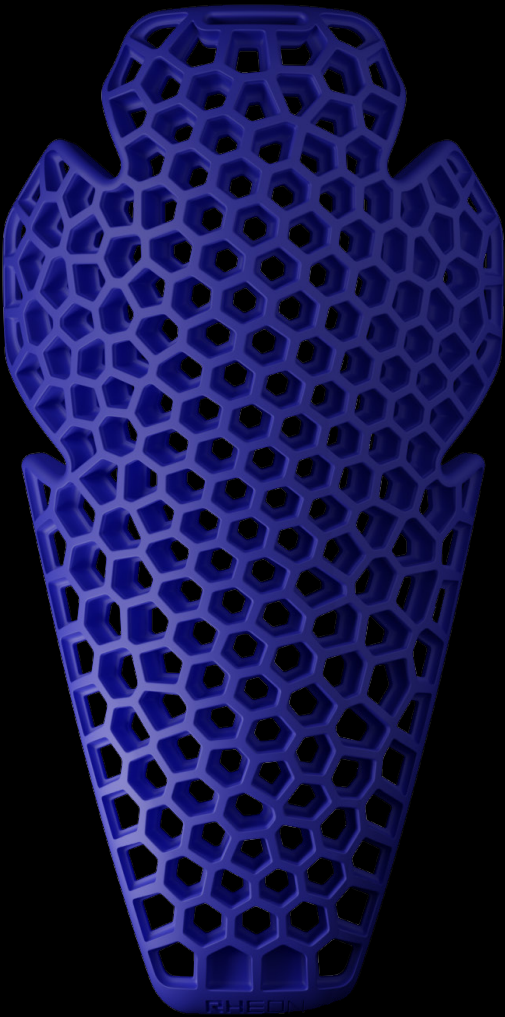
PRODUCT CODE	FIN-1036
EN 1621-1:2012	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H - Type B
WEIGHT	98g
THICKNESS	9mm
DIMENSIONS	250 x 126mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
🧼 ⚡ 🚫 🚫 🚫



Ultra Light Curved Limb^[10]

LEVEL 2 RANGE

Product Details

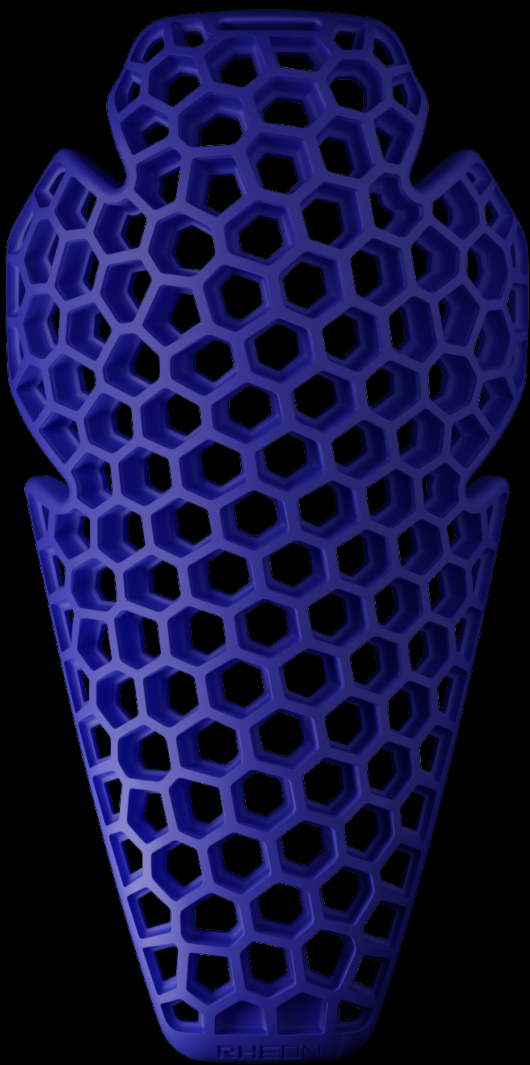
PRODUCT CODE	FIN-1042
EN 1621-1:2012	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S/H - Type B
WEIGHT	86g
THICKNESS	9mm
DIMENSIONS	250 x 126mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
Washable
Do not dry clean
Do not iron
Do not tumble dry



Curved Limb^[11]

LEVEL 2 RANGE

Product Details

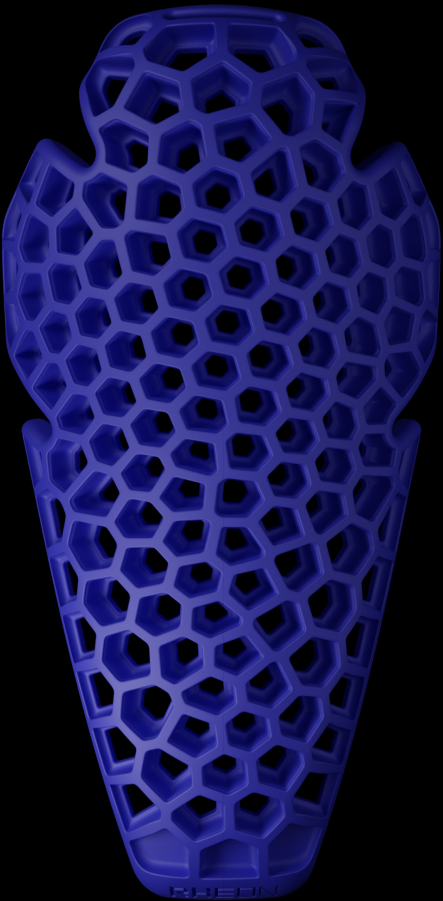
PRODUCT CODE	FIN-1096
EN 1621-1:2012	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E/S - Type A H - Type B
WEIGHT	69g
THICKNESS	9mm
DIMENSIONS	201 x 124mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
Washable
Dry cleanable
Machine washable
Machine dryable
Machine ironable



Curved Shoulder^[12]

LEVEL 2 RANGE

Product Details

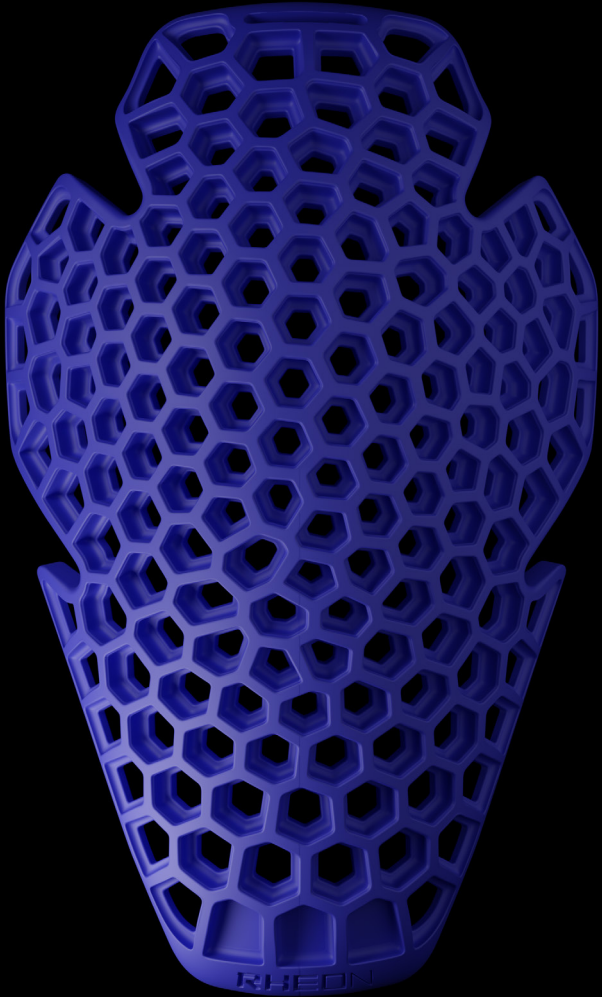
PRODUCT CODE	FIN-1097
EN 1621-1:2012	Level 2 [opt T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H - Type B K/E - Type A
WEIGHT	77g
THICKNESS	9mm
DIMENSIONS	190 x 126mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 2

CARE
🧼 ✂️ 🚫 🚫 🚫



Fly Racing Formula S Helmet
Engineered with RHEON™



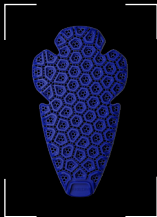
Cooper Webb

3-time Monster Energy AMA 450SX
Champion

(2025, 2021, 2019)

LEVEL 1 COMPACT RANGE TECHSHEET

Knee/Elbow Protector ^[01]



PRODUCT CODE	FIN-0100
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E - Type A
WEIGHT	52g
THICKNESS	8mm
DIMENSIONS	116 x 212mm

Shoulder/Hip Protector ^[02]



PRODUCT CODE	FIN-0101
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H - Type A
WEIGHT	45g
THICKNESS	8mm
DIMENSIONS	116 x 179mm

Knee/Elbow Protector^[01]

LEVEL 1 COMPACT RANGE

Product Details

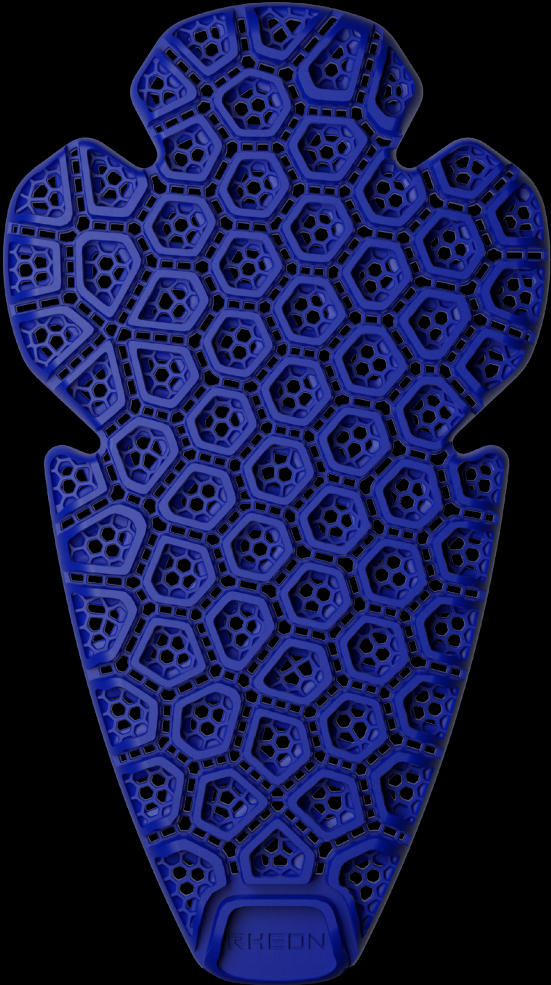
PRODUCT CODE	FIN-0100
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	K/E
WEIGHT	52g
THICKNESS	8mm
DIMENSIONS	116 x 212mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable
Dry cleanable
Machine washable
Machine dryable



Shoulder/Hip Protector^[02]

LEVEL 1 COMPACT RANGE

Product Details

PRODUCT CODE	FIN-0101
EN 1621-1:2012	Level 1 [T-]
MATERIAL TYPE	Moulded
DESIGNATION	S/H
WEIGHT	45g
THICKNESS	8mm
DIMENSIONS	116 x 179mm

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

PROTECTION
UK | CE LEVEL 1

CARE
Washable
Dry cleanable
Machine washable
Machine dryable





FOOTWEAR RANGE TECHSHEET

Ankle Protector - Shape 1 ^[01]



PRODUCT CODE	FIN-0008 / FIN-0009 / FIN-0010 / FIN-0011
PART SIZES AVAILABLE	S / M / L / XL
MATERIAL TYPE	Moulded
DESIGNATION	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

Ankle Protector - Shape 2 ^[02]



PRODUCT CODE	FIN-0004 / FIN-0005 / FIN-0006 / FIN-0007
PART SIZES AVAILABLE	S / M / L / XL
MATERIAL TYPE	Moulded
DESIGNATION	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

Ankle Protector Shape 1^[01]

FOOTWEAR RANGE

Product Details

PRODUCT CODE	FIN-0008 / FIN-0009 / FIN-0010 / FIN-0011
PART SIZES AVAILABLE	S / M / L / XL
MATERIAL TYPE	Moulded
DESIGNATION	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**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.



CARE



Ankle Protector Shape 2^[02]

FOOTWEAR RANGE

Product Details

PRODUCT CODE	FIN-0004 / FIN-0005 / FIN-0006 / FIN-0007
PART SIZES AVAILABLE	S / M / L / XL
MATERIAL TYPE	Moulded
DESIGNATION	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**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

CARE





GLOVE RANGE TECHSHEET

Knuckle Protector ^[01]



PRODUCT CODE	FIN-1014	FIN-1015	FIN-1016	FIN-1017	FIN-1018	FIN-1019	FIN-1020
PART SIZES AVAILABLE	XXS	XS	S	M	L	XL	XXL
MATERIAL TYPE	Moulded						
DESIGNATION	Knuckle Protector						
WEIGHT	14.8g	15g	15.2g	15.4g	15.6g	15.8g	16g
THICKNESS	5.5mm						
DIMENSIONS	100 x 39mm	103 x 39mm	106 x 39mm	109 x 39mm	112 x 39mm	115 x 39mm	118 x 39mm



Knuckle Protector ^[01]

GLOVE RANGE

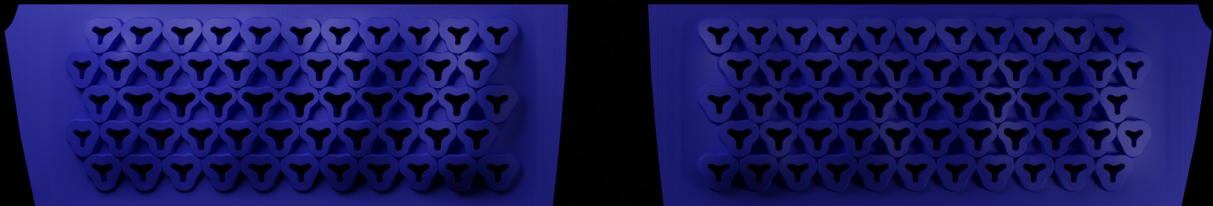
Product Details

PRODUCT CODE	FIN-1014 - FIN-1020
PART SIZES AVAILABLE	XXS - XXL
MATERIAL TYPE	Moulded
DESIGNATION	Knuckle Protector
WEIGHT	14.8g - 16g
THICKNESS	5.5mm
DIMENSIONS	100 x 39mm (XXS) - 118 x 39mm (XXL)

FEATURES & BENEFITS

-  **Lightweight**
Made to feel invisible, allowing for unrestricted movement while riding.
-  **Breathable**
Air flows freely through our unique cell design, allowing heat to dissipate for a more comfortable ride.
-  **Flexible**
Our dynamic, reactive material moves with you, giving impact protection where and when it's needed.

CARE



CONTACT

Get in touch with any further questions or to partner with us.

→ Website
rheonlabs.com

→ Email
Paul.Farrar@rheonlabs.com



Rethink Possible.