



# EU-TYPE EXAMINATION CERTIFICATE



The following model of Personal Protective Equipment has been subjected to an EU-type examination in accordance with the module B of the PPE regulation (2016/425) and has been shown to satisfy to essential health and safety requirements.

**Certificate N°** 0075/1744/162/09/21/1495

Issued by CTC, Notified Body N°0075, to the following model of personal protective equipment :

**Manufacturer :** **RICHA**  
Westerring 27, 9700 Oudenaarde  
Belgium

### Description

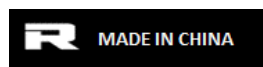
**PPE Type :** *Protective garments for motorcycle riders: class of protection A*

**Product reference :** AIRVENT EVO 2 TROUSERS

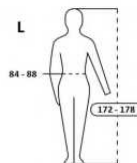
**Article code :**  
Black – 7AVEII100  
Grey/black – 7AVEII200  
Black/red – 7AVEII400  
Long black – 7AVEIIL100  
Long grey/black – 7AVEIIL200  
Long black/red – 7AVEIIL400  
Short black – 7AVEIIS100  
Short grey/black – 7AVEIIS200  
Short black/red – 7AVEIIS400  
XS to 6XL

**Available sizes :**

**Pictures :**



MODEL AIRVENT EVO 2 TROUSERS	RICHA NV
ARTNR 7AVEII	INSPEK
ORDER NR SIZE	
01E36-20 L	



**OUTSHELL:**  
85% polyester  
15% nylon

**LINING:**  
90% polyester  
10% nylon



**Reference standard :**

**Levels of performance / class of protection**

**EN ISO 13688:2013**

-

**EN 17092-4:2020**

**CLASS A GARMENT**

At the date of the certificate, the product is in compliance with Annex XVII of REACH regulation (n° 1907/2006 and revisions)

Full description of the PPE, reference rules verified in the context of the EU-type examination and information given on the product are detailed in the manufacturer's technical file index 01 dated from September 2021 and the user notice v02/2021

NOTA : Any modification to new items of the personal protective equipment object of this EU type approval certificate or any modification of the information contained in the manufacturer technical file which served for the deliverance of the EU type approval certificate (change of address, change of company status) should be brought to the attention of the notified body in accordance with Annex V §7.2 of Regulation 2016/425. Any marking on the PPE which is not concerned by the Regulation (UE) 2016/425, is not covered by this certificate.

**Issued in Lyon by**  
**Didier GUISADO**  
Certification and Quality Manager

**Date of first issue :** 08 September 2021  
**End of validity date :** 08 September 2026



[www.ctcgroupe.com](http://www.ctcgroupe.com)

[cemarking@ctcgroupe.com](mailto:cemarking@ctcgroupe.com)



Accreditation n° 5-0594  
Scope available on:  
[www.cofrac.fr](http://www.cofrac.fr)

CTC - 4, rue Hermann Frenkel - 69367 Lyon cedex 07 - France  
Tél. : +33 (0)4 72 76 10 10 - Fax : +33 (0)4 72 76 10 00 - [ctclyon@ctcgroupe.com](mailto:ctclyon@ctcgroupe.com)

Comité Professionnel de Développement Économique (CPDE) Cuir Chaussure Maroquinerie Ganterie  
Loi 78-654 du 22.06.1978 - Siret 77564972600160 - Code NAF 9412Z - TVA FR 88775649726

RICHA

**MANUFACTURER'S TECHNICAL FILE TO THE PPE REGULATION**  
**2016/425**

<b>Reference of the product</b>	:	<b>AIRVENT EVO 2 TROUSERS</b>
<b>Article code</b>	:	<b>Black – 7AVEII100 Grey/black – 7AVEII200 Black/red – 7AVEII400 Long black – 7AVEIIL100 Long grey/black – 7AVEIIL200 Long black/red – 7AVEIIL400 Short black – 7AVEIIS100 Short grey/black – 7AVEIIS200 Short black/red – 7AVEIIS400</b>
<b>Technical file index</b>	:	<b>01</b>
<b>Last update</b>	:	<b>September 2021</b>

## IDENTIFICATION

Reference of the product	:	AIRVENT EVO 2 TROUSERS Black – 7AVEII100 Grey/black – 7AVEII200 Black/red – 7AVEII400 Long black – 7AVEIIL100
Article code	:	Long grey/black – 7AVEIIL200 Long black/red – 7AVEIIL400 Short black – 7AVEIIS100 Short grey/black – 7AVEIIS200 Short black/red – 7AVEIIS400
This product is a basic model.		
Technical file index :	:	01
Last update :	:	September 2021

### Manufacturer:

RICHA  
Westerring 27, 9700 Oudenaarde  
Belgium

tel : 0032 55 235326

fax : 0032 55 428110

### Factories:

IE MOTO CO LTD  
ROOM 202 2FL BASANGGA 124, SANGIL DONG KANGDONG GU  
SOUTH KOREA

tel: \*00821035202449

## GARMENT DESCRIPTION

### General description and intended use:

This product is a trousers and it is a basic model.

This garment is a category II PPE.

This garment is designed for motorcycle riders. It offers a minimum necessary degree of protection from impact and abrasion, using materials and construction that meet lower requirements than for parts 2 and 3 of the EN 17092 series. Class A garments are expected to have the least ergonomic and weight penalties.

### Visual description of the garment :



**Risk assessment (Essential Health and Safety Requirement. Annex II - PPE Regulation)**

		Applicable	Covered by
§1	Requirements defined in the Annex II §1 are applicable to all PPE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
§1.4	Manufacturer's instructions and information is available	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input type="checkbox"/> Marking
§2.1	PPE incorporating adjustments systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
§2.2	PPE is designed and manufactured in a way that perspiration resulting from use is minimised. Otherwise it must be equipped with means of absorbing perspiration.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input type="checkbox"/> Marking
§2.4	If it is known that the design performance of new PPE may be significantly affected by ageing, the month and year of manufacture and/or, if possible, the month and year of obsolescence must be indelibly and unambiguously marked on each item of PPE placed on the market and on its packaging.	<input checked="" type="checkbox"/>	<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
§2.4	Where appreciable and rapid deterioration in PPE performance is likely to be caused by ageing resulting from the periodic use of a cleaning process recommended by the manufacturer, the latter must, if possible, affix a marking to each item of PPE placed on the market indicating the maximum number of cleaning operations that may be carried out before the equipment needs to be inspected or discarded. Where such a marking is not affixed, the manufacturer must give that information in his instructions	<input checked="" type="checkbox"/>	<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
§2.5	PPE which may be caught up during use	<input checked="" type="checkbox"/>	<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input type="checkbox"/> Marking
§2.9	PPE incorporating components which can be adjusted or removed by the user	<input checked="" type="checkbox"/>	<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input type="checkbox"/> Marking
§2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
§2.14	Multi-risk PPE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
§3.1.1	The PPE is intended to protect against impact caused by falling or ejected objects and collisions of parts of the body with an obstacle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
§3.3	The PPE is intended to protect against mechanical injuries	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
Specific application	Motorcycle garment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking

## Garment constitution

	Material reference	Material description	Color	Basis weight or thickness	Present in zone?		
					Z1	Z2	Z3
Outer material	IEM-MT#8 - POLY 600D PU 2 TIME	100% polyester	Black	235 g/m <sup>2</sup>		x	
	IEM-MT#1 - #5302 FABRIC	100% polyester	Black	220 g/m <sup>2</sup>	x	x	x
	IEM-MT#3 - #4311 RIP-STOP	100% nylon	Black	200 g/m <sup>2</sup>		x	
	IEM-MT#2 - P2M 320-1 MESH	100% polyester	Black	312 g/m <sup>2</sup>		x	x
	IEM-MT#4 - POLY 600D PU 2 TIME	100% polyester	Red	235 g/m <sup>2</sup>		x	
	IEM-MT#5 - POLY 600D MILK COATING	100% polyester	White	235 g/m <sup>2</sup>	x		
	IEM-MT#6 - SURE GRIP	100% polyester	Black	535 g/m <sup>2</sup>		x	x
Lining	IEM-MT#24 - 210T TAFFETA 4000MM PU	100% polyester	Black	85 g/m <sup>2</sup>			
	IEM-MT#15 - K-530	100% polyester	Black	50 g/m <sup>2</sup>			
	IEM-MT#19 - 210 T TAFETTA TAPE	100% polyester	Black	55 g/m <sup>2</sup>			
Removable lining	IEM-MT#17 - #8102 REISSA	100% polyester	Black	125 g/m <sup>2</sup>			
	IEM-MT#18 - 2,2CM SEAM TAPE	100% polyester	Transparant				
Pocket	IEM-MT#14 - 11:1 POLY MESH	100% nylon	Black	99 g/m <sup>2</sup>			
Button	GEN-MT#24 - R RUBBER COATED BUTTON (04-01-052)		Black				
	GEN-MT#181 - FRONT SNAP & HOOK		Black/metallic				
	GEN-MT#19 - VELCRO (HOOK & LOOP) 1.5 INCH (04-05-008)		Black				
Zip	GEN-MT#178 - #5 YKK NYLON CLOSE DALH SLIDER--XS/M		Black				
	GEN-MT#14 - YKK NYLON ZIP #5 CLOSE END		Black				
	GEN-MT#12 - YBS CONNECTION ZIP #8		Black				

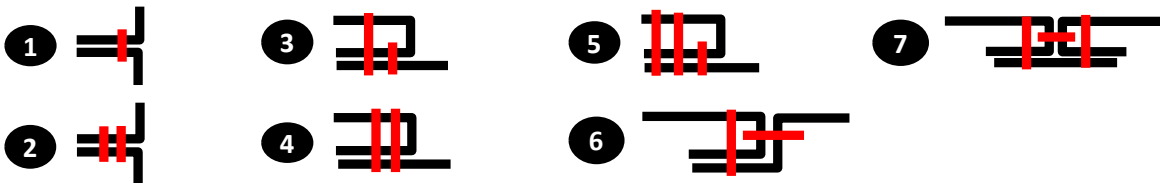
## Material combinations

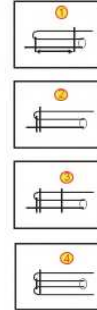
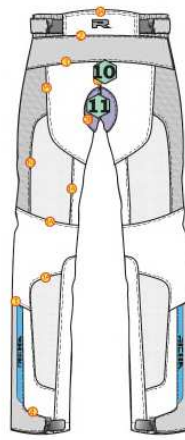
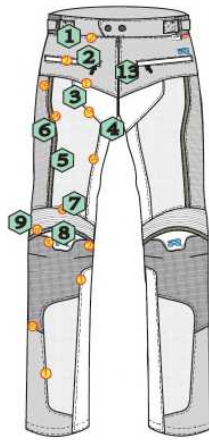
	Material reference	Combination present in zone?		
		Zone 1	Zone 2	Zone 3
Material combination 1	IEM-MT#1 - #5302 FABRIC	x	x	x
	IEM-MT#14 - 11:1 POLY MESH			
Material combination 2	IEM-MT#1 - #5302 FABRIC		x	x
	IEM-MT#19 - 210T TAFETTA TAPE			
Material combination 3	IEM-MT#2 - P2M 320-1 MESH		x	x
	IEM-MT#14 - 11:1 POLY MESH			
Material combination 4	IEM-MT#3 - #4311 RIP-STOP	x	x	x
	IEM-MT#14 - 11:1 POLY MESH			
Material combination 5	IEM-MT#6 - SURE GRIP		x	x
	IEM-MT#1 - #5302 FABRIC			
Material combination 6	IEM-MT#8 - POLY 600D PU 2 TIME		x	x
	IEM-MT#14 - 11:1 POLY MESH			
	IEM-MT#1 - #5302 FABRIC			
	IEM-MT#1 - #5302 FABRIC			

## Description of the seams

		Reference	Seam type	Zone 1	Zone 2	Zone 3	Protector pocket
Seam 1	Material 1	IEM-MT#1 - #5302 FABRIC	3		x	x	
	Material 2	IEM-MT#1 - #5302 FABRIC					
Seam 2	Material 1	IEM-MT#1 - #5302 FABRIC	3		x	x	
	Material 2	IEM-MT#3 - #4311 RIP-STOP					
Seam 3	Material 1	IEM-MT#1 - #5302 FABRIC	3		x	x	
	Material 2	IEM-MT#2 - P2M 320-1 MESH					
Seam 4	Material 1	IEM-MT#1 - #5302 FABRIC	3	x	x	x	
	Material 2	IEM-MT#8 - POLY 600D PU 2 TIME					
Seam 5	Material 1	IEM-MT#2 - P2M 320-1 MESH	3		x	x	
	Material 2	IEM-MT#8 - POLY 600D PU 2 TIME					
Seam 6	Material 1	IEM-MT#3 - #4311 RIP-STOP	3		x	x	
	Material 2	IEM-MT#8 - POLY 600D PU 2 TIME					
Seam 7	Material 1	IEM-MT#1 - #5302 FABRIC	3		x	x	
	Material 2	IEM-MT#1 - #5302 FABRIC					
Seam 8	Material 1	IEM-MT#14 - 11:1 POLY MESH	1				x
	Material 2	IEM-MT#14 - 11:1 POLY MESH					

(Types of seam)







## PROTECTION SCOPE

This garment meets the essential health and safety requirements of the Personal Protective Equipment Regulation (UE) 2016/425.

It is a category II product.

This garment is designed for motorcycle riders. It offers a minimum necessary degree of protection from impact and abrasion, using materials and construction that meet lower requirements than for parts 2 and 3 of the EN 17092 series. Class A garments are expected to have the least ergonomic and weight penalties.

## GENERAL REQUIREMENTS

### Range of size

Size	XS	S	M	L	XL	2XL	3XL	4XL
Heigh (cm)	163 - 169	166 - 172	169 - 175	172 - 178	175 - 181	178 - 184	181 - 187	184 - 190
Waist girth (cm)	69 - 73	74 - 78	79 - 83	84 - 88	89 - 93	94 - 98	99 - 103	104 - 108

Size	5XL	6XL
Heigh (cm)	185 - 191	186 - 192
Waist girth (cm)	109 - 113	114 - 118

## SPECIFIC REQUIREMENTS AND PERFORMANCE LEVELS

### Standard EN 17092-4:2020

			Zone 1	Zone 2	Zone 3
Dimensional stability of the garment (N/A if no cleaning required)	%	± 5			
Impact protector location and fixation	over the correct location on the body, secured within the pockets and secured in their position.				
External impact protector location and fixation	pocket shall meet the requirements of the appropriate zone. Protector shall not be released during testing.				
Impact abrasion	Darmstadt / no hole on the 9 test pieces	rpm	265	147	n/a
Seam strength	by zone	N/mm	≥6	≥6	≥4
	protector pocket	N/mm	≥4		
Seam construction	general	-	at least one line protected		
	leather or textile abrasion overlays	-	at least 2 rows of stitching		
	hard shell overlays	-	at least 2 rows of stitching		
Tear strength	by zone	N	≥35	≥25	≥25
	protector pocket	N	≥10		
Restraint	Two pieces suits	no gap and no opening			
	sleeve	no extraction of the cone			
	Thumb loops distance A-B	mm	max 140		
Innocuousness	EN ISO 13688:2013 § 4.2 + REACH	pH, Cr VI (leather), Ni (metal in contact with skin), Azo dyes (if contact with skin), Tin, Cadmium (coated material), PAH (plastic in contact with skin), phtalates (polymers in contact with skin)			
Structural closure	same test as seams	N/mm	≥6	≥6	≥4
Vents	protected by same SSL or by SSL zone 3 if opening limited to 4cm at 90° of the length				
Pockets	protected by same SSL extended along the interior of the pocket beyond the opening at least an additional 3 cm				
Fit and ergonomics	EN 17092-1, 5.5 : all answers positive				

## TEST REPORTS

1	CTC L210407735_1
2	CTC L210407743_1
3	CTC L210407748_2
4	CTC L210611651_1
5	SATRA 2777/10609-01/E00-00
6	SATRA 2777/10608-02/E00-00
7	SATRA 2777/13054-03/E00-00

8	SATRA 2777/10815-01/E00-00
9	SATRA 2777/11251-01/E00-00
10	
11	
12	
13	
14	


		Reports
<b>4.1 - General</b>		
Zonning		2
4.1.1 Innocuousness and REACh - Annex XVII		1
4.1.3 Dimensional stability of garments	Washing Température : Number of washing cycles :	3
<b>4.2 - Impact Energy Absorption</b>		
4.2.1 General		3+5+6+7+8+9
4.2.2 Impact protector location and fixation		3+5+6+7+8+9
4.3 Impact abrasion resistance		3
<b>4.4 - Structurally Strong Seams (SSS)</b>		
4.4.1 - General		3
4.4.2 Seam strength		3+4
<b>4.5 - Tear strength</b>		
4.5 Tear strength		3
<b>4.6- Restraint</b>		
4.6.1 - General		3
4.6.2 Two-piece suit requirements for joint between the upper and the lower part		3
4.6.3 Garment sleeve restraint		3
<b>4.7- Additional garment construction requirements</b>		
4.7.2 - Structural closures		3
4.7.3 - Vents		n.a
4.7.4 - Pockets		3
4.7.5 - Zone intrusions		n.a
4.7.7 - Use of open mesh materials		3
4.7.8 - Use of retroreflective materials (optional)	Performance of the retroreflective materials shall be in conformity with Clause 6 of EN 1150:1999. This requirement does not apply to reflective elements included for reasons of design or decoration.	n.a
4.8 Fit and ergonomics		3

## MARKING - PACKAGING

### Marking of the garment:

Logo of Manufacturer

Address of Manufacturer

Logo 

Product reference: AIRVENT EVO 2 TROUSERS

Black – 7AVEII100  
 Grey/black – 7AVEII200  
 Black/red – 7AVEII400  
 Long black – 7AVEIIL100  
 Long grey/black – 7AVEIIL200  
 Long black/red – 7AVEIIL400  
 Short black – 7AVEIIS100  
 Short grey/black – 7AVEIIS200  
 Short black/red – 7AVEIIS400

Article Code:

Size indicator

Pictograms

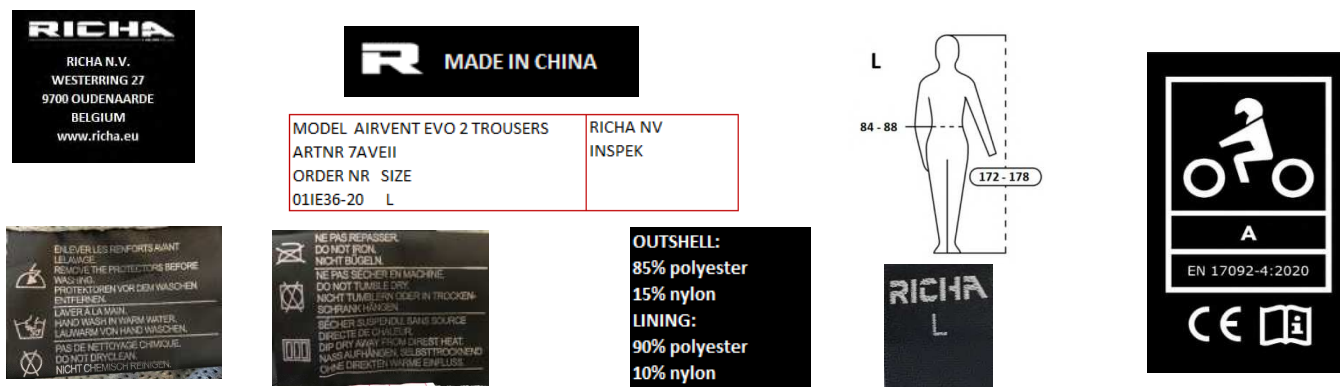
Indication of the protection Class A

Date of Manufacture (month/year) and/or serial/batch number

Date of obsolescence (month/year) if applicable

Location of the marking: Inside the trousers

### Garment marking example:



### Method of marking of the garment:

Inside labels

### PPE subject to ageing :

Peremption period: 5 years when stored in appropriate conditions (humidity, temperature, clean, ventilated, light). Before use, the garment shall be visually controlled. In case of deterioration the garment must be scrapped (abrasion, cut, tear, ...).

### Cleaning instructions:

<b>Number of cleaning cycles:</b>	5
<b>Care Instructions:</b>	Remove the protectors before cleaning Hand wash Do not dry clean Do not iron Do not tumble dry Line dry Do not bleach

## MEANS OF CONTROL

1. Research and development
- Testing of separate materials: fabrics tested on impact & abrasion resistance and tear resistance. All materials tested on pH, Azoïcs and/or CrVI
- Testing of complete product: seam strength, ergonomics and other required tests to reach certification to the EN standard.
2. Sourcing
3. Purchasing
4. Documentation and traceability
5. Receipt of raw materials / Control of supplies
- Testing of raw materials in laboratory: pH & Azoïcs test with every new shipment. CrVI testing for leather.
6. Quality control during manufacturing
7. Quality control of finished products
8. Quality control packaging & labels
9. Quality control finished shipment
10. Quality control necessary documents
11. Receipt and inspection of documents and finished products at headquarters
12. Written evaluation finished order

**DNV GL**

# MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 202753-2016-AQ-BEL-RvA Initial certification date: 22 August 2016 Valid: 22 August 2019 - 21 August 2022

This is to certify that the management system of

**Richa**  
Westerring 27, 9700 Oudenaarde, Belgium

has been found to conform to the Quality Management System standard:  
**ISO 9001:2015**

This certificate is valid for the following scope:  
**The design, distribution, customization and post-delivery activities of motorcycle clothing and accessories.**

Place and date:  
Barendrecht, 07 November 2019

For the issuing office:  
DNV GL - Business Assurance  
Zwolsesweg 1, 2994 LB, Barendrecht,  
Netherlands

    
The RvA is a signatory to the IAF MLA Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
ALLEGEDLY UNIT: DNV GL Business Assurance B.V., Zwolsesweg 1, 2994 LB, Barendrecht, Netherlands. TEL: +31 182402086. www.dnvgl.com/assurance