# **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° 0075/1744/162/09/22/1753

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

Manufacturer :	<b>RICHA</b> Westerring 27, 970 BELGIUM	00 Oudenaarde			
<b>Description</b>					
PPE Type :	Protective garmen	ts for motorcycle i	riders: class	of protection A	
Product reference :	ATOMIC AIR JACK	ET			
Article code :	Black – 2ATMA100	/ Grey – 2ATMA2	00		
Available sizes :	S to 5XL				
Pictures :	L RICHA N.V. WESTERRING 27 9700 OUDENAARDE DEL OUDENAARDE	MODEL ATOMIC AIR JACKET ARTNR 2ATMA200 - GREY ORDER NR SIZE 01-PW-02-22 L MODEL ATOMIC AIR JACKET	OUTSHELL: 92% polyester 6% nylon 2% elastane LINING: 100% polyester RICHA NV INSPEK	<text><text><text><text><text><text></text></text></text></text></text></text>	
	BELGIUM www.richa.eu	ARTNR 2ATMA100 - BLACK ORDER NR SIZE 01-PW-02-22 L	INSPEK		
Reference	standard :	Levels of perfo	ormance / clas	ss of protection	
EN ISO 13688:2013			-		
EN 17092-4:2020		CLA	ASS A GARM	IENT	
At the date of the certificate, the pro- Full description of the PPE, reference manufacturer's technical file index ( NOTA : Any modification to new items of manufacturer technical file which served of the notified body in accordance with A this certificate.	e rules verified in the context of th D1 dated from September 2022 an the personal protective equipment obj for the deliverance of the EU type appr	e EU-type examination and infor d the user notice v02/2021 ect of this EU type approval certificate oval certificate (change of address, ch	mation given on the e or any modification of nange of company statu	, product are detailed in the f the information contained in the s) should be brought to the attem	tion
Issued in Lyon by Didier GUISADO Certification and Quality	Manager	Date of first issue End of validity date	-		



# 



# Accreditation n# 5-0594 Scope available on:

www.cofrac.fr

In application of the Regulation 2016/425 of the European parliament and the Council of 9th March 2016 related to Personal Protective Equipment and repealing the Directive 89/686/EEC. www.ctcgroupe.com

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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

Reference of the product	:	ATOMIC AIR JACKET
Article code	:	Black – 2ATMA100 / Grey – 2ATMA200
Technical file index	:	01
Last update	:	September 2022

# **IDENTIFICATION**

Reference of the product Article code This product is a Technical file index : Last update :	:	ATOMIC AIR JACKET Black – 2ATMA100 / Grey – 2ATMA200 Basic model 01 September 2022
Last update :	:	September 2022

# Manufacturer:

RICHA Westerring 27, 9700 Oudenaarde BELGIUM tel : 0032 55 235326 fax : 0032 55 428110

## **Factories:**

PAK WORLD INDUSTRY Dheera Sandha, 5km-Main Pasroor Road, Link Cshauni, Sialkot PAKISTAN

# **GARMENT DESCRIPTION**

# General description and intended use:

This product is a Jackets and it is a of the model .

This garment is a caterogy 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 :





sk asse	ssment (Essential Health and Safety Requirement. Annex II - F	PPE Regula	ation)
		Applicable	Covered by
			✓ Standard
§1	Requirements defined in the Annex II §1 are applicable to all PPE	4	Instruction for use
			✓ Marking
			✓ Standard
§1.4	Manufacturer's instructions and information is available	1	✓ Instruction for use
			Marking
			✓ Standard
§2.1	PPE incorporating adjustements systems	4	✓ Instruction for use
			✓ Marking
	PPE is designed and manufactured in a way that perspiration resulting from use is		✓ Standard
§2.2	minimised. Otherwise it must be equipped with means of absorbing perspiration.	1	✓ Instruction for use
	inimitised. Otherwise it must be equipped with means of absoluting perspiration.		Marking
	If it is known that the design performance of new PPE may be significantly affected by		Standard
§2.4	ageing, the month and year of manufacture and/or, if possible, the month and year of		
92.4	obsolescence must be indelibly and unambiguously marked on each item of PPE placed	$\checkmark$	✓ Instruction for use
	on the market and on its packaging.		✓ Marking
	Where appreciable and rapid deterioration in PPE performance is likely to be caused		Chan dawd
	by ageing resulting from the periodic use of a cleaning process recommended by the		Standard
52.4	manufacturer, the latter must, if possible, affix a marking to each item of PPE placed	4	
§2.4	on the market indicating the maximum number of cleaning operations that may be		✓ Instruction for use
	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		✓ Marking
			Standard
§2.5	PPE which may be caught up during use	$\checkmark$	✓ Instruction for use
			Marking
			Standard
§2.9	PPE incorporating components which can be adjusted or removed by the user	1	✓ Instruction for use
			Marking
			✓ Standard
§2.12	PPE bearing one or more identification markings or indicators directly or indirectly	1	✓ Instruction for use
	relating to health and safety		✓ Marking
			✓ Standard
§2.14	Multi-risk PPE	1	✓ Instruction for use
			✓ Marking
			✓ Standard
§3.1.1	The PPE is intended to protect against impact caused by falling or ejected objects and	~	✓ Instruction for use
	collisions of parts of the body with an obstacle		✓ Marking
			Standard
§3.3	The PPE is intended to protect against mechanical injuries	4	✓ Instruction for use
50.0		Ľ	Marking
			Standard
Specific	Motorcycle garment		✓ Instruction for use
pplication	notoreyore garment	4	Marking

			Calar	Basis weight	Present in zone?		
	Material reference	Material description	Color	or thickness	Z1	Z2	Z3
	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	100% polyester	Black	320 g/m²		x	x
Outer material	PW-MT#13-LG (POLYESTER SOFTSHELL LIGHT GREY IMP)	100% polyester	Light Grey	320 g/m²		x	x
	PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP)	100% polyester	Black	218 g/m²	x		
	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK CH-31786-PD)	100% polyester	Black	455 g/m²		x	x
	PW-MT#81-LG (POLYESTER MESH KNITTED 2D LIGHT GREY)	100% polyester	Light Grey	455 g/m²		x	x
	PW-MT#14 (POLYESTER ACRYLIC RIB 1x1)	75% nylon, 25% elastane	Black	475 g/m²			
	PW-MT#22 (MICRO MESH FABRIC BLACK)	100% polyester	Black	115 g/m²		x	х
Lining	PW-MT#74 (MICRO MESH FABRIC LIGHT GREY)	100% polyester	Light Grey	115 g/m²		x	x
	PW-MT#66 (POLYESTER TAFFETA 210-T FABRIC)	100% polyester	Black	104 g/m²	x		
Protector pocket	PW-MT#20 (POLYESTER FABRIC 210-T BLACK)	100% polyester	Black	99 g/m²			
Collar	PW-MT#15 (POLYESTER LOOP TRINDA FABRIC BLACK)	100% polyester	Black	177 g/m²			
Button	PW-MT#185 (EYELET NO 20)		Black				
Zip	GEN-MT#12 (YBS CONNECTION ZIP #8		Black				
	GEN-MT#45 (SBS NYLON ZIP #5)		Black				
	GEN-MT#203 (SBS VISLON #5 ZIPPER)		Black				

# **Material combinations**

	Material reference	Combin	ation present i	in zone?
	waterial reference	Zone 1	Zone 2	Zone 3
Material combination 1	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP) or PW-MT#13-LG (POLYESTER SOFTSHELL LIGHT GREY PW-MT#22 (MICRO MESH		x	x
	FABRIC BLACK) or PW- MT#74 (MICRO MESH FABRIC LIGHT GREY)			
Material combination 2	PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP) PW-MT#66 (POLYESTER	x		
	TAFFETA 210-T FABRIC)			
Material combination 3	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK CH-31786-PD) or PW- MT#81-LG (POLYESTER MESH KNITTED 2D LIGHT PW-MT#22 (MICRO MESH FABRIC BLACK) or PW- MT#74 (MICRO MESH FABRIC LIGHT GREY)		x	x

# Description of the seams

		Reference	Seam type	Zone 1	Zone 2	Zone 3	Protector pocket
Seam 1	Material 1	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)			x	x	
A2		PW-MT#81 (POLYESTER			^	~	
	Material 2	MESH KNITTED 2D BLACK) PW-MT#81 (POLYESTER					
Seam 2	Material 1	MESH KNITTED 2D BLACK)	-		х	х	
A4	Material 2	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)					
		PW-MT#13 (POLYESTER					
Seam 3	Material 1	SOFTSHELL BLACK IMP)	-		х	х	
B1	Material 2	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)					
		PW-MT#13 (POLYESTER					
Seam 4	Material 1	SOFTSHELL BLACK IMP) PW-MT#81 (POLYESTER	-		х	х	
B2	Material 2	MESH KNITTED 2D BLACK)					
		PW-MT#13 (POLYESTER					
Seam 5	Material 1	SOFTSHELL BLACK IMP)		V			
B3		PW-MT#16 (POLYESTER CORDURA 600 D BLACK		Х			
	Material 2	IMP)					
		PW-MT#13 (POLYESTER					
Seam 6 B4	Material 1	SOFTSHELL BLACK IMP) PW-MT#14 (POLYESTER			х	х	
54	Material 2	ACRYLIC RIB 1x1) double					
		PW-MT#16 (POLYESTER					
Seam 8	Material 3	CORDURA 600 D BLACK			x	х	
B5	IVIALEI IAI S	IMP) PW-MT#13 (POLYESTER	-		^	^	
	Threat	SOFTSHELL BLACK IMP)					
		PW-MT#16 (POLYESTER					
Seam 8	Material 1	CORDURA 600 D BLACK					
B6		PW-MT#16 (POLYESTER		Х			
		CORDURA 600 D BLACK					
	Material 2	IMP) PW-MT#13 (POLYESTER					
Seam 9	Material 1	SOFTSHELL BLACK IMP)			v	V	
B7		PW-MT#81 (POLYESTER			Х	х	
	Material 2	MESH KNITTED 2D BLACK) PW-MT#16 (POLYESTER					
		CORDURA 600 D BLACK					
Seam 10	Material 1	IMP)		Х			
B8		PW-MT#81 (POLYESTER					
	Material 2	MESH KNITTED 2D BLACK)					
Seam 11	Material 1	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)					
B9		PW-MT#14 (POLYESTER			Х	х	
	Material 2	ACRYLIC RIB 1x1) double)					
		PW-MT#81 (POLYESTER					
Seam 13	Material 1	MESH KNITTED 2D BLACK)			х	х	
D1	Material 2	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)					
	Wateridi Z	PW-MT#22 (MICRO MESH					
Protector	Material 1	FABRIC BLACK)					х
pocket seam		PW-MT#20 (POLYESTER					^
	Material 2	FABRIC 210-T BLACK)					
Protector	Matorial 1	PW-MT#22 (MICRO MESH FABRIC BLACK)					
pocket seam	Material 1	PW-MT#22 (MICRO MESH					х
	Material 2	FABRIC BLACK)					



SEAM MOCK-UPS ATOMIC AIR JACKET									
SEAM NUMBER	MATERIAL 1	MATERIAL 2	STITCH TYPE						
A2	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)	2mm edge stitch						
A4	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)	2mm edge stitch						
B1	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	6mm edge stitch						
B2	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)	6mm edge stitch						
B3	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP)	6mm edge stitch						
B4	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	PW-MT#14 (POLYESTER ACRYLIC RIB 1x1)	6mm edge stitch						
B5	PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP)	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	6mm edge stitch						
B6	PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP)	PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP)	6mm edge stitch						
B7	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)	6mm edge stitch						
B8	PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP)	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)	6mm edge stitch						
B9	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)	PW-MT#14 (POLYESTER ACRYLIC RIB 1x1)	6mm edge stitch						
D1	PW-MT#81 (POLYESTER MESH KNITTED 2D BLACK)	PW-MT#13 (POLYESTER SOFTSHELL BLACK IMP)	Double stitch						
Protector									
pocket seam	PW-MT#22 (MICRO MESH FABRIC BLACK)	PW-MT#22 (MICRO MESH FABRIC BLACK)							

# **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	S	М	L	XL	2XL	3XL	4XL	5XL
Heigh (cm)	166 - 172	169 - 175	172 - 178	175 - 181	178 - 184	181 - 187	184 - 190	185 - 191
Chest or bust girth (cm)	96-100	102 - 106	108 - 112	114 - 118	120 - 124	126 - 130	132 - 136	138 - 142

#### SPECIFIC REQUIREMENTS AND PERFORMANCE LEVELS

## Standard EN 17092-4:2020

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			Zone 1	Zone 2	Zone 3		
Dimensional stability of (N/A if no cleaning requ	%	±5					
Impact protector location	on and fixation	over the correct location on the body, secured within the pockets and secured in their position.					
External impact protect	or location and fixation		meet the requ one. Protecto				
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			
	general	-	at leas	st one line pro	tected		
Seam construction	leather or textile abrasion overlays	-	at leas	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	N ≥10				
	Two pieces suits		no gap and	no opening	ļ		
Restraint	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 REP	ORTS			
Satra	11	L211019170_1	21	L210917986_1	L	
2  <sup>                                   </sup>	_	 L201220679_1		L220304259		
2777/10813-03/E00-00 Satra	-					
<sup>3</sup> 2777/13054-03/E00-00 Satra	13	L210917523_1	23	L210612129-1		
4 2777/11251-01/E00-00	14	L210611850_1	24	L220509874_4	1	
Satra 2777/10815-01/E00-00	15	L220304226_1	25	L220509470_2	L	
6 2777/10609-01/E00-00	16	L210612071_1	26	L220509890_1	L	
Satra 7 2777/10608-02/E00-00	17	L210508209_1	27	L210612059_1	L	
8 8 2777/10804-01/E00-00	18	MT21010079	28	L220713021_1	l	
9 2777/10807-01/E00-00	19	L210508220_1	29	L220814978_1	L	
10 L220202532_1	20	L210611846_1	30			
						Reports
4.1 - General						
4.1.1 Innocuousness and REACh - Annex X	VII				10+12+13+15+17+18+20+22+23+26 +27+29	
4.1.3 Dimensional stability of garments		pérature : 30°c shing cycles : 5			24	
4.2 - Impact Energy Absorption		0 7			1	
4.2.1 General					1+2+3+4+5+6+7+8+9+24+28	
4.2.2 Impact protector location and fixatio	n				1+2+3+4+5+6+7+8+9+24+28	
4.3 Impact abrasion resistance					1	4+16+24
4.4 - Structurally Strong Seams (SSS)						24
4.4.1 - General					10	24
4.4.2 Seam strength					16-	+21+24+27
4.5 - Tear strength 4.5 Tear strength					11	+14+16+19
4.5- Restraint					117	-14+10+19
4.6.2 Two-piece suit requirements for join	t between the u	nner and the lower nar	ł		[	28
4.6.3 Garment sleeve restraint	i serween tile u	pper and the lower par	•			28
4.7- Additional garment construction	requirements					
4.7.2 - Structural closures						24+25
4.7.3 - Vents						n.a
4.7.4 - Pockets		24				
4.7.5 - Zone intrusions		n.a				
4.7.7 - Use of open mesh materials		24				
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.						
4.8 Fit and ergonomics		24				
no ne una ergonomico					I	LT

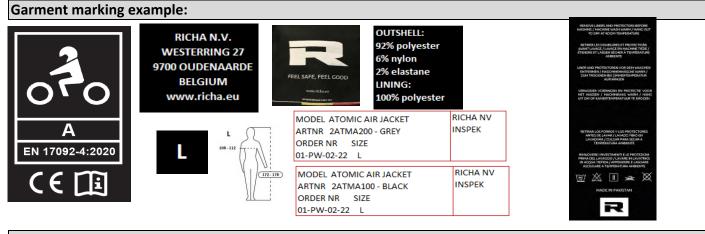
# MARKING - PACKAGING

# Marking of the garment:

Logo of Manufacturer Address of Manufacturer Logo **C €** Product reference: ATOMIC AIR JACKET Article Code: Black – 2ATMA100 / Grey – 2ATMA200 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: Inner labels



# Method of marking of the garment:

#### 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:		
Number of cleaning cycles:	E	

Number of cleaning cycles:	5
Care Instructions:	Remove protectors before washing
	Warm wash at 30°C

# **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

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Place and date: Barendrecht, 07 Novemi



Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate inv ACCREDITED UNIT: DNV GL Business Assurance B.V., Zwolseweg 1, 2994 LB, Barendrecht, Netherland

J.H.C.N. van Gijiswijk

BUREAU VERITAS Certification PAK WORLD INDUSTRY DHEERA SANDHA, 5-KM MAIN PASRUR ROAD, LINK CSHAUNI SULEHRIAN ROAD, SIALKOT-PAKISTAN Bureau Verities Certification Holding SAS –UK Branch certifies that the anagement System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below 64. ISO 9001:2015 Manufacturing & Export of Yarn, Grey Fabric, Denim Fabric and Garments (Woven Original cycle start date: 16th April 2020 N/A Expiry date of previous cycle 30<sup>th</sup> March 2020 Certification /Recertification Audit date Certification/ Recertification cycle start date 16th April 2020 Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 15th April 2023 Certificate No. MER20.311/UQ Version: 01 Revision date: 16th April 2020 ed on behalf of BVCH SAS UK Branci

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