



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° 0075/1744/162/01/23/0015

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

Manufacturer : **RICHA NV**
Westerring 27, 9700 Oudenaarde
BELGIUM

Description

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

Product reference : **AIRSTREAM 3 JACKET**

Article code : **Black - 2ASIII100, Black/Red - 2ASIII400, Black/ Yellow -2ASIII1650, Black/White 2ASIII1800**

Available sizes : **S-6XL**

Pictures :



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 JANUARY 2023 and in the user instruction version 02/2021.

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 : 09 January 2023
End of validity date : 09 January 2028



Accreditation n° 5-0594
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Loi 78-654 du 22.06.1978 - Siret 77564972600160 - Code NAF 9412Z - TVA FR 88775649726

RICHA NV

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

Reference of the product	:	AIRSTREAM 3 JACKET
Article code	:	Black - 2ASIII100, Black/Red - 2ASIII400, Black/ Yellow -2ASIII1650, Black/White 2ASIII1800
Technical file index	:	01
Last update	:	JANUARY 2023

IDENTIFICATION

Reference of the product	:	AIRSTREAM 3 JACKET
Article code	:	Black - 2ASIII100, Black/Red - 2ASIII400, Black/ Yellow -2ASIII1650, Black/White 2ASIII1800
This product is a		Basic Model
Technical file index :	:	01
Last update :	:	JANUARY 2023

Manufacturer:

RICHA NV

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 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	PW-MT#290	POLYAMID FABRIC CH-3324 (02-01-02-009)	BLACK	282 g/m ²		X	X
	PW-MT#199	CH-831783 RIP STOP POLYESTER FABRIC (02-01-041)	BLACK	295 g/m ²	X	X	X
	PW-MT#141	POLYESTER PD MESH (3332) CH-3332-APD	BLACK	310 g/m ²		X	X
	PW-MT#159	POLYESTER CORDURA 600D (02-01-02-005) (on top)	Red	233 g/m ²			
	PW-MT#76	POLYESTER CORDURA 600D (02-01-02-049) (on top)	Yellow	254 g/m ²			
	PW-MT#158	POLYESTER CORDURA 600D (02-01-02-006) (on top)	WHITE	240 g/m ²			
Lining	PW-MT#22	MICRO MESH FABRIC (02-02-03-002)	BLACK	115 gsm			
	PW-MT#5	POLYESTER LYCRA (02-02-14-001)	Black	204 gsm			
Removable lining	PW-MT#66	POLYESTER TAFFETA 210-T FABRIC (02-02-13-002)	BLACK	104 gsm			
	PW-MT#28	QUILT 2" STRAIGHT LINE 190T + WADDING	GREY	320 g/m ²			
	PW-MT#18	POLYESTER FOAMY MESH	BLACK				
Protector pocket	PW-MT#33	KOREAN FABRIC 190-T (02-04-006)	BLACK	60 gsm			
	GEN-MT#47	VELCRO (HOOK & LOOP) 0,75 INCH (04-05-007)	BLACK				
Collar	PW-MT#75	POLYESTER MICRO FABRIC (02-02-15-018)	BLACK	110 g/m ²			
	PW-MT#61	POLYESTER NEOPRENE (02-02-07-002)	BLACK	489 gsm			
Button	GEN-MT#24	R RUBBER COATED BUTTON (04-01-052)	BLACK				
Zip	GEN-MT#12	YBS CONNECTION ZIP #8 (LOWER PART) (28-01-13-008)	BLACK				
	GEN-MT#45	SBS NYLON ZIP #5 (28-02-06-006)	BLACK				
	GEN-MT#147	YKK #5 NYLON ZIPPER	RED				
	GEN-MT#39	YKK VISLON #8 O/E AUTO (28-01-09-051)	BLACK				

Material combinations

	Material reference	Combination present in zone?		
		Zone 1	Zone 2	Zone 3
Material combination 1	PW-MT#290 + PW-MT#22		X	X
Material combination 2	PW-MT#199 + PW-MT#22	X		
Material combination 3	PW-MT#141 + PW-MT#22		X	X
Material combination 4	PW-MT#290 + PW-MT#66		X	X

Description of the seams

SEAM CONSTRUCTION: BLACK VARIANT

1) CENTRAL ZIPPER: [PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + PW-MT#66 - POLYESTER TAFFETA 210-T FABRIC (PAKWORLD) + GEN-MT#39 - YKK VISLON #8 O/E AUTO (YKK): 6mm from edge] + [PW-MT#66 - POLYESTER TAFFETA 210-T FABRIC (PAKWORLD) + GEN-MT#39 - YKK VISLON #8 O/E AUTO (YKK): 6mm from edge]

2) CUFF ZIPPER: [PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + PW-MT#75 - POLYESTER MICRO FABRIC (02-02-15-018) + GEN-MT#45 - SBS NYLON ZIP #5 (SBS): 6mm from edge] + [PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + CUFF MATERIAL + GEN-MT#45 - SBS NYLON ZIP #5 (SBS): 2mm from edge]

A3) PW-MT#141 - POLYESTER PD MESH (3332) CH-3332-APD (02-01-078) + HORIZONTAL ACCORDION [PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + PW-MT#104 - FOAM (02-02-05-002) + PW-MT#108 - PIPE ELASTIC (02-02-04-001)]: 2mm from edge

B1) PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + [PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + PW-MT#37 - FOAM (02-02-05-002) + PW-MT#20 - POLYESTER FABRIC 210-T (02-04-018)]: 6mm from edge

B4) PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009): 6mm from edge

B5) PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041) + PW-MT#141 - POLYESTER PD MESH (3332) CH-3332-APD (02-01-078): 6mm from edge

B8) PW-MT#141 - POLYESTER PD MESH (3332) CH-3332-APD (02-01-078) + PW-MT#141 - POLYESTER PD MESH (3332) CH-3332-APD (02-01-078): 6mm from edge

B9) PW-MT#141 - POLYESTER PD MESH (3332) CH-3332-APD (02-01-078) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009): 6mm from edge

D2) PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009): 2+6mm from edge

D3) PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041) + PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041): 2+6mm from edge

4) PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041) + [PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009)]: 6mm from edge

SEAM CONSTRUCTION: BLACK/RED VARIANT

3.1) PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + [PW-MT#159 - POLYESTER CORDURA 600D (02-01-02-005) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009)]: 6mm from edge

4.1) PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041) + [PW-MT#159 - POLYESTER CORDURA 600D (02-01-02-005) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009)]: 6mm from edge

SEAM CONSTRUCTION: BLACK/FLUO YELLOW VARIANT

3.1) PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + [PW-MT#76 - POLYESTER CORDURA 600D (02-01-02-049) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009)]: 6mm from edge

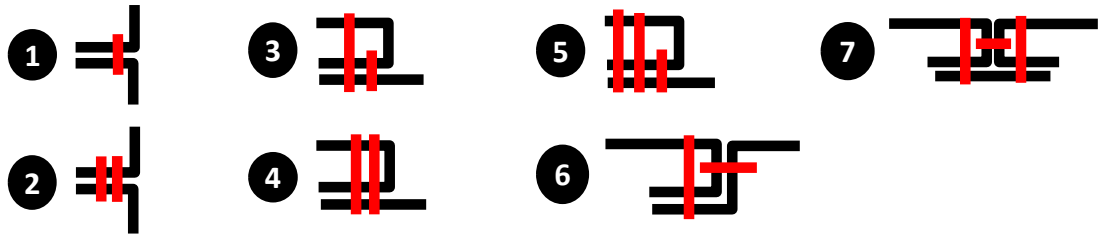
4.1) PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041) + [PW-MT#76 - POLYESTER CORDURA 600D (02-01-02-049) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009)]: 6mm from edge

SEAM CONSTRUCTION: BLACK/PINK VARIANT

3.2) PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009) + [PW-MT#161 - POLYESTER CORDURA 600D (02-01-02-047) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009)]: 6mm from edge

4.2) PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041) + [PW-MT#76 - POLYESTER CORDURA 600D (02-01-02-047) + PW-MT#290 - POLYAMID FABRIC CH-3324 (02-01-02-009)]: 6mm from edge

(Types of seam)



R RICHA
FEEL SAFE FEEL GOOD
5-04-2022
REVISION #02

AIR STREAM 3 JACKET-4378

STITCHING DETAIL

——— 2mm From Edge
 - - - 6mm From Edge
 - - - 2mm + 6mm From Edge

Bartek

Gusset Cuff Zip Mock-up

design and development by **PAK WORLD**

R RICHA
FEEL SAFE FEEL GOOD
5-04-2022
REVISION #02

AIR STREAM 3 JACKET-4378

SEAM-DETAIL

A ——— 2mm From Edge
 B - - - 6mm From Edge
 D - - - 2mm + 6mm From Edge
 C ——— Hidden Stitch

PW-MT#199 - CH-831783 RIP STOP POLYESTER FABRIC (02-01-041)
 PW-MT#290 POLYAMID FABRIC CH3324 (020102009)
 PW-MT#61 - Nylon Neoprene Black (02-02-07-005)
 PW-MT#141 - POLYESTER PD MESH (3332) CH-3332-APD (02-01-078)
 MICRO FABRIC BLACK (02-02-15-018) VELCRO

design and development by **PAK WORLD**

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	M	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)	90 - 94	94 - 98	98 - 102	102 - 106	106 - 110	110 - 114	114 - 118	118 - 122

Size	6XL
Heigh (cm)	186 - 192
Chest or bust girth (cm)	122 - 126

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	SATRA 2777/10609-01/E00-00	12	L220202518_1	23	IDIADA MT21010079
2	SATRA 2777/10608-02/E00-00	13	L210917029_2	24	L220202532_1
3	SATRA 2777/13054-03/E00-00	14	L210712645_1	25	IDIADA MT21050137
4	SATRA 2777/10815-01/E00-0	15	L220509662_1	26	IDIADA MT18030201
5	SATRA 2777/11251-01/E00-00	16	L221121477_1	27	L220814650_1
6	SATRA 2777/10813-03/E00-00	17	L220814649_1	28	L210712641_1
7	SATRA 2777/10837-01/E00-00	18	L201220679_1	29	L220713113_1
8	SATRA 2777/10804-01/E00-00	19	L210508075_1	30	L210612129_1
9	SATRA 2777/10807-01/E00-00	20	L210713479_1	31	L210509500_1
10	L220304259_1	21	L210917523-1	32	L220304226_1
11	L221222943_1	22	L220509086-2	33	L210508209_1

		Reports
4.1 - General		
4.1.1 Innocuousness and REACH - Annex XVII		18+19+20+21+22+23+24+25+ 26+27+28+30+31+32+33
4.1.3 Dimensional stability of garments	Washing Température : 30° Number of washing cycles : 5	17
4.2 - Impact Energy Absorption		
4.2.1 General		1+2+3+4+5+6+7+8+9+17
4.2.2 Impact protector location and fixation		1+2+3+4+5+6+7+8+9+17
4.3 Impact abrasion resistance		12+13+17
4.4 - Structurally Strong Seams (SSS)		
4.4.1 - General		16
4.4.2 Seam strength		10+17
4.5 - Tear strength		
4.5 Tear strength		12+13+14+17
4.6- Restraint		
4.6.1 - General		n.a
4.6.2 Two-piece suit requirements for joint between the upper and the lower part		11
4.6.3 Garment sleeve restraint		17
4.7- Additional garment construction requirements		
4.7.2 - Structural closures		15+17
4.7.3 - Vents		n.a
4.7.4 - Pockets		17
4.7.5 - Zone intrusions		n.a
4.7.7 - Use of open mesh materials		17
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		17

MARKING - PACKAGING

Marking of the garment:

Logo of Manufacturer

Address of Manufacturer

Logo

Product reference: AIRSTREAM 3 JACKET

Article Code: Black - 2ASIII100, Black/Red - 2ASIII400, Black/ Yellow -2ASIII1650, Black/White 2ASIII1800

Size indicator

Pictograms

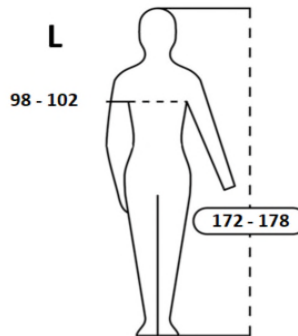
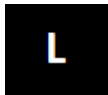
Indication of the protection Class A

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

Date of obsolescence (month/year) if applicable

Location of the marking: Inner labels

Garment marking example:



Method of marking of the garment:

Labels

PPE subject to ageing :

Peremption period: 5 years (from first use) 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:	5
Care Instructions:	Remove the protectors before cleaning Machine wash 30° Line dry

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, Azoics 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

