



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° 0075/1744/162/11/22/2049

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

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

Description

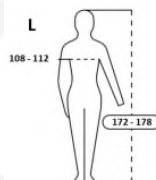
PPE Type : *Protective garments for motorcycle riders: class of protection AA*

Product reference : **LONDON JACKET**

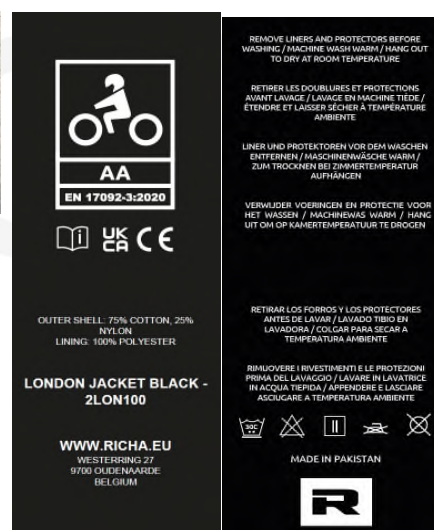
Article code : **Black – 2LON100 / Sand – 2LON250 / Olive Green – 2LON2400**

Available sizes : **S-4XL**

Pictures :



ORDER NO.
26PW21-22



Reference standard :

Levels of performance / class of protection

EN ISO 13688:2013

-

EN 17092-3:2020

CLASS AA 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 NOVEMBER 2022 and the user instruction 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 : 21 November 2022
End of validity date : 21 November 2027

Guizado



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.



Accreditation n° 5-0594
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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	:	LONDON JACKET
Article code	:	Black – 2LON100 / Sand – 2LON250 / Olive Green – 2LON2400
Technical file index	:	01
Last update	:	NOVEMBER 2022

IDENTIFICATION

Reference of the product	:	LONDON JACKET
Article code	:	Black – 2LON100 / Sand – 2LON250 / Olive Green – 2LON2400
This product is a		Basic model
Technical file index :	:	01
Last update :	:	NOVEMBER 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 basic model.

This garment is a category II PPE.

This garment is designed for motorcycle riders. It offers protection from impact and abrasion, using materials and construction that meet higher requirements than for garments covered by part 4 of this standard series and lower requirements than for garments covered by part 2 of the EN 17092 series. Class AA garments generally offer protection, against the risks of the greatest diversity of riding activities, and they may have lower ergonomic and weight penalties than Class AAA garments.

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	☒	☒ Standard ☐ Instruction for use ☒ Marking
§1.4	Manufacturer's instructions and information is available	☒	☒ Standard ☒ Instruction for use ☐ Marking
§2.1	PPE incorporating adjustments systems	☒	☒ Standard ☒ Instruction for use ☒ 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.	☒	☒ Standard ☒ Instruction for use ☐ 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.	☒	☐ Standard ☒ Instruction for use ☒ 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	☒	☐ Standard ☒ Instruction for use ☒ Marking
§2.5	PPE which may be caught up during use	☒	☐ Standard ☒ Instruction for use ☐ Marking
§2.9	PPE incorporating components which can be adjusted or removed by the user	☒	☐ Standard ☒ Instruction for use ☐ Marking
§2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	☒	☒ Standard ☒ Instruction for use ☒ Marking
§2.14	Multi-risk PPE	☒	☒ Standard ☒ Instruction for use ☒ 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	☒	☒ Standard ☒ Instruction for use ☒ Marking
§3.3	The PPE is intended to protect against mechanical injuries	☒	☒ Standard ☒ Instruction for use ☒ Marking
Specific application	Motorcycle garment	☒	☒ Standard ☒ Instruction for use ☒ Marking

Garment constitution

	Material reference	Material description	Color	Basis weight or thickness	Present in zone?		
					Z1	Z2	Z3
Outer material	PW-MT#150 (ZEAN FABRIC AMX-232 ARMY GREEN OD)	75% cotton, 25% nylon	Army green	338 g/m ²	x	x	x
	PW-MT#209 (ZEAN FABRIC AMX-232 BEIGE OD)	75% cotton, 25% nylon	Beige	338 g/m ²	x	x	x
	PW-MT#210 (ZEAN FABRIC AMX-232 BLACK OD)	75% cotton, 25% nylon	Black	338 g/m ²	x	x	x
Lining	PW-MT#22 (POLYESTER MICRO MESH BLACK)	100% polyester	Black	133 g/m ²			
	PW-MT#245 (DYNAMIC TWO WAY STRETCH FABRIC BLACK)	100% polyester	Black	256 g/m ²			
	PW-Mt#5 (POLYESTER LYCRA)	80% polyester, 20% spandex	Black	204 g/m ²			
Protector pocket	GEN-MT#47 (VELCRO (HOOK & LOOP) 0,75 INCH)	100% nylon	Black				
Button	GEN-MT#161 (BUTTON 8040)		Black				
	GEN-MT#160 (BUTTON TOP BLACK R EMBOSSED 12MM)		Black				
Zip	GEN-MT#69 (YKK #5 ZIP GUN METAL)		Black				
	GEN-MT#12 (YBS CONNECTION ZIP #8)		Black				
	GEN-MT#45 (SBS NYLON ZIP #5)		Black				

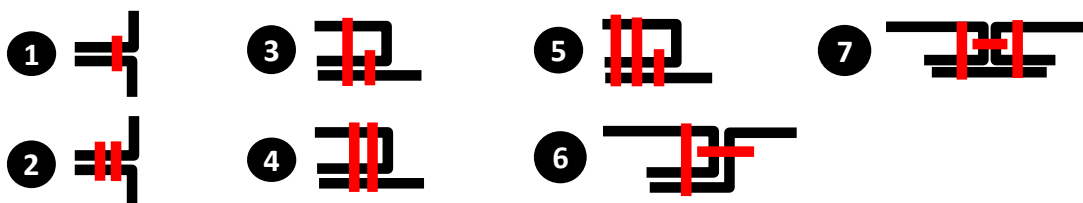
Material combinations

	Material reference	Combination present in zone?		
		Zone 1	Zone 2	Zone 3
Material combination 1	PW-MT#210 (ZEAN FABRIC AMX-232 BLACK OD)			
	PW-MT#145 (POLYESTER MICRO MESH 11 BHARAY BLACK)		x	x
Material combination 2	PW-MT#210 (ZEAN FABRIC AMX-232 BLACK OD)			
	PW-MT#145 (POLYESTER MICRO MESH 11 BHARAY BLACK)	x	x	x
	PW-MT#245 (DYNAMIC TWO WAY STRETCH FABRIC BLACK)			
Material combination 3	PW-MT#210 (ZEAN FABRIC AMX-232 BLACK OD)			
	PW-MT#210 (ZEAN FABRIC AMX-232 BLACK OD)		x	x

Description of the seams

		Reference	Seam type	Zone 1	Zone 2	Zone 3	Protector pocket
Seam 1	Material 1	PW-MT#150 (ZEAN FABRIC AMX-232 ARMY GREEN OD)	5	x	x		
	Material 2	PW-MT#150 (ZEAN FABRIC AMX-232 ARMY GREEN OD)					
Seam 2	Material 1	PW-MT#150 (ZEAN FABRIC AMX-232 ARMY GREEN OD)	2		x		
	Material 2	PW-MT#150 (ZEAN FABRIC AMX-232 ARMY GREEN OD)					
Seam 3	Material 1	PW-MT#22 (POLYESTER MICRO MESH BLACK)	2				x
	Material 2	PW-MT#22 (POLYESTER MICRO MESH BLACK)					

(Types of seam)



SEAM LIST: SEAMS IDENTICAL FOR ALL 3 COLOURWAYS				
NUMBER	SIDE 1	SIDE 2	TYPE	DIAGRAM
1	PW-MT#150 - ZEAN FABRIC AMX-232 ARMY GREEN OD	PW-MT#150 - ZEAN FABRIC AMX-232 ARMY GREEN OD	Flat seam 2 + 6 mm, double stitching with covered safety stitching	
2	PW-MT#150 - ZEAN FABRIC AMX-232 ARMY GREEN OD	PW-MT#150 - ZEAN FABRIC AMX-232 ARMY GREEN OD	Inside seam, double stitching (covered)	

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 protection from impact and abrasion, using materials and construction that meet higher requirements than for garments covered by part 4 of this standard series and lower requirements than for garments covered by part 2 of the EN 17092 series. Class AA garments generally offer protection, against the risks of the greatest diversity of riding activities, and they may have lower ergonomic and weight penalties than Class AAA garments.

GENERAL REQUIREMENTS

Range of size

Size	S	M	L	XL	2XL	3XL	4XL
Heigh (cm)	166 - 172	169 - 175	172 - 178	175 - 181	178 - 184	181 - 187	184 - 190
Chest or bust girth (cm)	96-100	102 - 106	108 - 112	114 - 118	120 - 124	126 - 130	132 - 136

SPECIFIC REQUIREMENTS AND PERFORMANCE LEVELS

Standard EN 17092-3:2020

			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	412	265	147
Seam strength	by zone	N/mm	≥8	≥8	≥6
	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	≥40	≥40	≥30
	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	≥8	≥8	≥6
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 2777/10837-01/E00-00
2	Satra 2777/10813-03/E00-00"
3	Satra 2777/13054-03/E00-00
4	Satra 2777/11251-01/E00-00
5	Satra 2777/10815-01/E00-00
6	Satra 2777/10609-01/E00-00
7	Satra 2777/10608-02/E00-00

8	Satra 2777/10804-01/E00-00
9	L220509890_1
10	MT17120100
11	L210713479_1
12	L210611846_1
13	L210917523_1
14	L201220679-1

15	L220304259_1
16	L210712645_1
17	L220509470_1
18	22.01129.01 (Centexbel)
19	L220916693_1
20	L220916696_1
21	L220916680_1

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

MARKING - PACKAGING

Marking of the garment:

Logo of Manufacturer
 Address of Manufacturer
 Logo
 Product reference: LONDON JACKET
 Article Code: Black – 2LON100 / Sand – 2LON250 / Olive Green – 2LON2400
 Size indicator
 Pictograms
 Indication of the protection Class AA
 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 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 protectors before washing Machine wash 30°C 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 & Azoics 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

