



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° 0075/1744/162/02/23/0282

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

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

Description

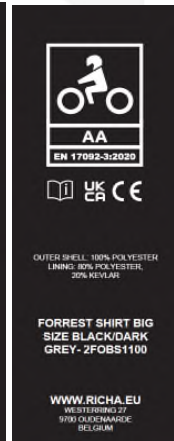
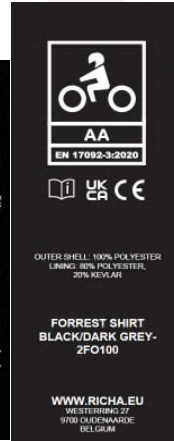
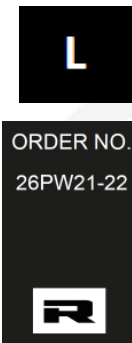
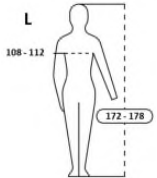
PPE Type : *Protective garments for motorcycle riders: class of protection AA*

Product reference : **Forest Shirt - 2FO**

Article code : **Black/dark grey – 2FO1100, Big Size Black/dark grey – 2FOBS1100, Black/burgundy - 2FO1200**

Available sizes : **S-8XL**

Pictures :



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 FEBRUARY 2023 and in the user instruction version 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 : 23 February 2023
End of validity date : 23 February 2028



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Accreditation n° 5-0594
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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 NV

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

Reference of the product	:	Forest Shirt - 2FO
Article code	:	Black/dark grey – 2FO1100, Big Size Black/dark grey – 2FOBS1100, Black/burgundy - 2FO1200
Technical file index	:	01
Last update	:	FEBRUARY 2023

IDENTIFICATION

Reference of the product	:	Forest Shirt - 2FO
Article code	:	Black/dark grey – 2FO1100, Big Size Black/dark grey – 2FOBS1100, Black/burgundy - 2FO1200
This product is a	:	Basic Model
Technical file index :	:	01
Last update :	:	FEBRUARY 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 caterogy 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	<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#187 (CHECK FABRIC PP ASPHALT/BLACK)	100% polyester	Dark grey / black	230 g/m ²	x	x	x
	PW-MT#233 (CHECK FABRIC PP RED/BLACK)	100% polyester	Black / red	205 g/m ²	x	x	x
Lining	PW-MT#224 (KEVLAR PARA ARAMID YELLOW 210G)	40% Kevlar, 60% polyester	Yellow/white	210 g/m ²	x	x	x
	PW-MT#22 (MICRO MESH FABRIC BLACK)	100% polyester	Black	115 g/m ²	x	x	x
	GEN-MT#47		Black				
	PW-MT#5 - LYCRA (02-02-14-001)	100% polyester	Black				
Button	GEN-MT#161 (BUTTON 8040)		Metallic				
	GEN-MT#160 (BUTTON TOP BLACK R EMBOSSED 12MM)		Metallic				
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				

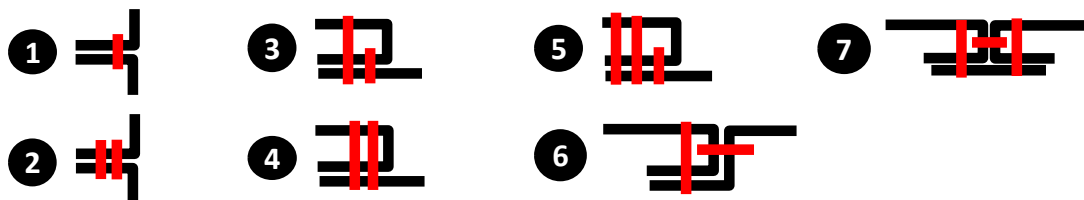
Material combinations

	Material reference	Combination present in zone?		
		Zone 1	Zone 2	Zone 3
Material combination 1	PW-MT#187 (CHECK FABRIC PP ASPHALT/BLACK)			
	PW-MT#224 (KEVLAR PARA ARAMID YELLOW 210G)	x	x	x
	PW-MT#22 (MICRO MESH FABRIC BLACK)			
Material combination 2	PW-MT#233 (CHECK FABRIC PP RED/BLACK)			
	PW-MT#224 (KEVLAR PARA ARAMID YELLOW 210G)	x	x	x
	PW-MT#22 (MICRO MESH FABRIC BLACK)			
Material combination 3	PW-MT#187 (CHECK FABRIC PP ASPHALT/BLACK)			
	PW-MT#224 (KEVLAR PARA ARAMID YELLOW 210G)	x	x	x
	PW-MT#187 (CHECK FABRIC PP ASPHALT/BLACK)			
Material combination 4	PW-MT#233 (CHECK FABRIC PP RED/BLACK)			
	PW-MT#224 (KEVLAR PARA ARAMID YELLOW 210G)	x	x	x
	PW-MT#233 (CHECK FABRIC PP RED/BLACK)			

Description of the seams

		Reference	Seam type	Zone 1	Zone 2	Zone 3	Protector pocket
Seam 1	Material 1	PW-MT#187 (CHECK FABRIC PP ASPHALT/BLACK)	5	x	x	x	
	Material 2	PW-MT#187 (CHECK FABRIC PP ASPHALT/BLACK)					
Seam 2	Material 1	PW-MT#233 (CHECK FABRIC PP RED/BLACK)	3	x	x		
	Material 2	PW-MT#233 (CHECK FABRIC PP RED/BLACK)					
Seam 3	Material 1	PW-MT#233 (CHECK FABRIC PP RED/BLACK)	5	x	x	x	
	Material 2	PW-MT#233 (CHECK FABRIC PP RED/BLACK)					
Seam 4	Material 1	PW-MT#22 (MICRO MESH FABRIC BLACK)	2				x
	Material 2	PW-MT#22 (MICRO MESH FABRIC BLACK)					

(Types of seam)



SEAM LIST BLACK/BURGUNDY 1200				
NUMBER	SIDE 1	SIDE 2	TYPE	DIAGRAM
2	PW-MT#233 - CHECK FABRIC PP RED/BLACK	PW-MT#233 - CHECK FABRIC PP RED/BLACK	Flat seam 2 + 6 mm, double stitching with covered safety stitching	

SEAM LIST BLACK/DARK GREY 1100				
NUMBER	SIDE 1	SIDE 2	TYPE	DIAGRAM
1	PW-MT#187 - CHECK FABRIC PP ASPHALT/BLACK	PW-MT#187 - CHECK FABRIC PP ASPHALT/BLACK	Inside seam, double stitching (covered)	
2	PW-MT#187 - CHECK FABRIC PP ASPHALT/BLACK	PW-MT#187 - CHECK FABRIC PP ASPHALT/BLACK	Flat seam 2 + 6 mm, double stitching with covered safety stitching	

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	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

Size	6XL	8XL
Heigh (cm)	186 - 192	187 - 193
Chest or bust girth (cm)	144 - 148	150 - 154

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	L220509470_1
10	L220304259_1
11	L210917523_1
12	L201220679_1
13	MT17120100
14	L210508209_1

15	L210611846_1
16	L220916680_1
17	Centexbel 21.07204.04
18	L220304226_1
19	L220916662_1
20	L220509890_1
21	L210712645_1

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

MARKING - PACKAGING

Marking of the garment:

Logo of Manufacturer

Address of Manufacturer

Logo 

Product reference: Forest Shirt - 2FO

Article Code: Black/dark grey – 2FO1100, Big Size Black/dark grey – 2FOBS1100, Black/burgundy - 2FO1200

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:

Preemption period: 5 years (after 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 protectors before washing Machine wash 30°C Line dry

MEANS OF CONTROL

1. Research and development
2. Sourcing
3. Purchasing
4. Documentation and traceability
5. Receipt of raw materials / Control of supplies
 - Testing of raw materials in laboratory: pH & Azöics test with every new shipment. Also Chromium in case of leather.
 - Testing on tear and impact and abrasion for all the new materials.
6. Quality control during garment manufacturing
7. Quality control of finished garments
8. Quality control packaging & labels
9. Quality control finished shipment
10. Quality control necessary documents
11. Receipt and inspection of documents and garments at headquarters
12. Written evaluation finished order

