

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° 0075/1744/162/03/23/0397 EXT 01/03/23

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: INFINITY 2 FLARE JACKET WOMEN

Article code: TITANIUM/YELLOW- 2INFIIFD2650

> RICHA N.V. **WESTERRING 27**

Available sizes: DXS-D3XL

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 MARCH 2023 and in 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**

MARKING

Certification and Quality Manager





Date of first issue: 10 March 2023

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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.



RICHA NV

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

Reference of the product : INFINITY 2 FLARE JACKET WOMEN

Article code : TITANIUM/YELLOW- 2INFIIFD2650

Technical file index : 01

Last update : MARCH 2023

IDENTIFICATION

Reference of the product : INFINITY 2 FLARE JACKET WOMEN Article code : TITANIUM/YELLOW- 2INFIIFD2650

This product is a Minor Variant

Technical file index: : 01

Last update : : MARCH 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 minor variant of the model INFINITY 2 FLARE JACKET.

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 :



| Risk assessment (Essential Health and Safety Requirement. Annex II - PPE Regulation) | | | |
|--|---|------------|-----------------------|
| | | Applicable | Covered by |
| | | | ✓ Standard |
| §1 | Requirements defined in the Annex II §1 are applicable to all PPE | ✓ | Instruction for use |
| | | | ✓ Marking |
| | | | ✓ Standard |
| §1.4 | Manufacturer's instructions and information is available | ✓ | ✓ Instruction for use |
| | | | Marking |
| | | ✓ Standard | ✓ Standard |
| §2.1 | PPE incorporating adjustements systems | ✓ | ✓ 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. | ✓ | ✓ Instruction for use |
| | iniminiscu. Otherwise it must be equipped with means of absorbing perspiration. | | Marking |
| | If it is known that the design neglectments of new DDF may be significantly offerted by | | Standard |
| | 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 | | Standard |
| §2.4 | obsolescence must be indelibly and unambiguously marked on each item of PPE | ✓ | ✓ Instruction for use |
| | placed on the market and on its packaging. | | |
| | placed on the market and on its packaging. | | ✓ Marking |
| | Where appreciable and rapid deterioration in PPE performance is likely to be caused | | Standard |
| | 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 | ✓ | |
| §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 | ✓ | ✓ Instruction for use |
| | | | Marking |
| | | | Standard |
| §2.9 | PPE incorporating components which can be adjusted or removed by the user | ✓ | ✓ Instruction for use |
| | | | Marking |
| | PPE bearing one or more identification markings or indicators directly or indirectly | | ✓ Standard |
| §2.12 | relating to health and safety | ✓ | ✓ Instruction for use |
| | | | ✓ Marking |
| | | | ✓ Standard |
| §2.14 | Multi-risk PPE | ✓ | ✓ Instruction for use |
| | | | ✓ Marking |
| | The PPE is intended to protect against impact caused by falling or ejected objects and | | ✓ Standard |
| §3.1.1 | collisions of parts of the body with an obstacle | ✓ | ✓ Instruction for use |
| | · · · | | ✓ Marking |
| | | | ✓ Standard |
| §3.3 | The PPE is intended to protect against mechanical injuries | ✓ | ✓ Instruction for use |
| | | | ✓ Marking |
| Specific | | | ✓ Standard |
| application | Motorcycle garment | ✓ | ✓ Instruction for use |
| | | | ✓ Marking |

Garment constitution

| | Material reference | Material description | Color | Basis weight | Pres | ent in z | one? |
|-------------------|--|-----------------------------|-------------|--------------|-----------|----------|------|
| | | Waterial description | Color | or thickness | Z1 | Z2 | Z3 |
| | PW-MT#199 (CH-831783 RIP STOP POLYESTER FABRIC (02-01-041)) | 100% polyester | Black | 295 g/m² | х | х | х |
| | PW-MT#34 (POLYESTER REFLECTIVE FABRIC 3M LAMINATED (02-01-043)) | 100% polyester | Grey | | | х | x |
| | PW-MT#79 (POLYESTER STRETCH CORDURA (02-02-01-009)) | 100% polyester | Titanium | 220 g/m² | | | x |
| Outen | PW-MT#168 (CORDURA NYLON 500D BLACK (02-02-01-020)) | 100% nylon | Black | 212 g/m² | Х | х | х |
| Outer material | PW-MT#76 (POLYESTER CORDURA 600 D IMP FLUO YELLOW (02-01- 023)) | 100% polyester | Fluo Yellow | 254 g/m² | | х | х |
| | PW-MT#200 (POLYESTER CORDURA 600 D TITANIUM GREY (02-01-02-001)) | 100% polyester | Titanium | 254 g/m² | | х | х |
| | PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP (02-01-003)) | 100% polyester | Black | 218 g/m² | | | |
| | PW-MT#215 (REFLECTIVE TAPE (02- 01-01-003)) | | Reflective | | | | |
| | PW-MT#19 (NYLON TAFFETA 210-T PU BLACK (02-01-049)) | 100% nylon | Black | 84 g/m² | | | |
| Lining | PW-MT#74 (MICRO MESH FABRIC GREY (02-02-03-001)) | 100% polyester | Grey | 115 g/m² | | | |
| S | PW-MT#5 (POLYESTER LYCRA (02- 02-14-001)) | 80% polyester, 20% spandex | Black | 204 g/m² | | | |
| | PW-MT#190 - POLYESTER CORDURA 600D BLUE IMP | 100% Polyester | Blue | 224 g/m² | | | |
| Removable | PW-MT#28 (QUILT 2" STRAIGHT LINE 190T + WADDING (02-02-16- 008) | 100% polyester outer | Grey | | | | |
| lining | PW-MT#18 (POLYESTER FOAMY MESH (02-02-09-007)) | 100% polyester | Black | | | | |
| Pocket | PW-MT#13 (POLYESTER SOFTSHELL FABRIC BLACK IMP (02-01-044)) | 100% polyester | Black | 320 g/m² | | | |
| Protector | GEN-MT#19 (VELCRO (HOOK & LOOP) 1.5 INCH (04-05-008)) | | Black | | | | |
| pocket | PW-MT#20 (POLYESTER FABRIC 210-T BLACK (02-04-008)) | 100% polyester | Black | 99 g/m² | | | |
| | PW-MT#61 (POLYESTER NEOPRENE (02-02-07-004)) | 85% polyester, 15% elastane | Black | 489 g/m² | | | |
| Collar | GEN-MT#51 (COLLAR ADJUSTER HOOK (130208)) | | Black | | | | |
| | PW-MT#75 (POLYESTER MICRO FABRIC BLACK (02-02-15-072)) | 100% polyester | Black | 105 g/m² | | | |
| | GEN-MT#24 (R RUBBER COATED BUTTON (04-01-052)) | | Black | | | | |
| Button | GEN-MT#28 (EYELET #16 GUN METAL (04-01-039)) | | Metallic | | | | |
| | GEN-MT#102 (EYELET MESH 10MM BLACK (04-01-037)) | | Black | | | | |
| | GEN-MT#12 (YBS CONNECTION ZIP #8 (LOWER PART) (03-01-01-049)) | | Black | | | | |
| Zip | GEN-MT#45 (SBS NYLON ZIP #5 (03- 01-02-002)) | | Black | | | | |
| | GEN-MT#14 (YKK NYLON ZIP #5 (close end) (03-02-02-037)) | | Black | | | | |
| Vent | PW-MT#162 (POLYESTER PD MESH 3332 GREY (02-01-02-016)) | 100% polyester | Grey | 320 g/m² | | | |

Material combinations

| | Material reference | Combin | ation present | in zone? |
|---|---|--------|---------------|----------|
| | iviaterial reference | Zone 1 | Zone 2 | Zone 3 |
| Material combination | PW-MT#168 (CORDURA NYLON 500D BLACK (02-02-01-020)) + PW-MT#74 (MICRO MESH FABRIC GREY (02-02-03-001)) | x | x | х |
| Material STOP POLYESTER FABRIC (02-combination 2 PW-MT#199 (CH-831783 RIP STOP POLYESTER FABRIC (02-01-041)) + PW-MT#74 (MICRO MESH FABRIC GREY (02-02-03-001)) | | x | x | х |
| Material combination 3 PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP (02-01-003)) or PW-MT#200 (POLYESTER CORDURA 600 D TITANIUM GREY (02-01-02-001)) + PW-MT#74 (MICRO MESH FABRIC GREY (02-02-03-001)) | | | х | х |
| Material combination 4 PW-MT#34 (POLYESTER REFLECTIVE FABRIC 3M LAMINATED (02-01-043)) + PW- MT#74 (MICRO MESH FABRIC GREY (02-02-03-001)) | | х | х | х |
| Material combination 5 | PW-MT#16 (POLYESTER CORDURA 600 D BLACK IMP (02-01-003)) or PW-MT#200 (POLYESTER CORDURA 600 D TITANIUM GREY (02-01-02-001)) + PW- MT#19 (NYLON TAFFETA 210-T PU BLACK (02-01-049)) | | x | x |
| Material combination 6 PW-MT#168 (CORDURA NYLON 500D BLACK (02-02-01-020)) + PW-MT#19 (NYLON TAFFETA 210-T PU BLACK (02-01-049)) | | | x | х |

Description of the seams

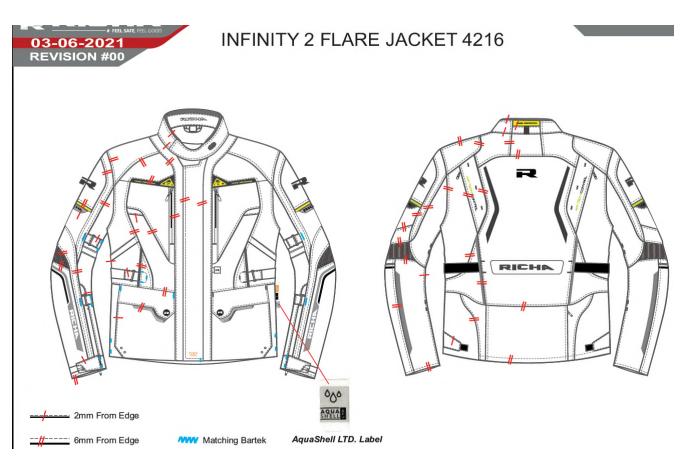
| | | SEAM M | OCK-UPS |
|-------------------------|-------------------|-------------------------------------|-------------------------------------|
| Article Name | Seam Name | 1st Fabric | 2nd Fabric |
| | A1 (6 mm STITCH) | CH-831783 RIP STOP POLYESTER FABRIC | CH-831783 RIP STOP POLYESTER FABRIC |
| | A2 (6 mm STITCH) | CH-831783 RIP STOP POLYESTER FABRIC | CORDURA NYLON 500D Black |
| | A3 (6 mm STITCH) | CH-831783 RIP STOP POLYESTER FABRIC | POLYESTER 3M REFLECTOR FABRIC |
| | A4 (6 mm STITCH) | CH-831783 RIP STOP POLYESTER FABRIC | Polyester Cordura 600 D Black |
| | A5 (6 mm STITCH) | POLYESTER 3M REFLECTOR FABRIC | POLYESTER 3M REFLECTOR FABRIC |
| | A6 (6 mm STITCH) | POLYESTER 3M REFLECTOR FABRIC | CORDURA NYLON 500D Black |
| | A7 (6 mm STITCH) | POLYESTER 3M REFLECTOR FABRIC | Polyester Cordura 600 D Black |
| | A8 (6 mm STITCH) | CORDURA NYLON 500D Black | CORDURA NYLON 500D Black |
| | A9 (6 mm STITCH) | CORDURA NYLON 500D Black | CH-831783 RIP STOP POLYESTER FABRIC |
| | A10 (6 mm STITCH) | CORDURA NYLON 500D Black | POLYESTER 3M REFLECTOR FABRIC |
| INFINITY 2 FLARE JACKET | A11 (6 mm STITCH) | CORDURA NYLON 500D Black | Polyester Cordura 600 D Black |
| | A12 (6 mm STITCH) | Polyester Cordura 600 D Black | Polyester Cordura 600 D Black |
| | A13 (6 mm STITCH) | Polyester Cordura 600 D Black | CORDURA NYLON 500D Black |
| | A14 (6 mm STITCH) | Polyester Cordura 600 D Black | POLYESTER 3M REFLECTOR FABRIC |
| | B1 (2 mm STITCH) | CORDURA NYLON 500D Black | CORDURA NYLON 500D Black |
| | B2 (2 mm STITCH) | Polyester Cordura 600 D Black | Polyester Cordura 600 D Black |
| | B3 (2 mm STITCH) | Polyester Cordura 600 D Black | CORDURA NYLON 500D Black |
| | B4 (2 mm STITCH) | CH-831783 RIP STOP POLYESTER FABRIC | Polyester Cordura 600 D Black |
| | B5 (2 mm STITCH) | CH-831783 RIP STOP POLYESTER FABRIC | CH-831783 RIP STOP POLYESTER FABRIC |
| | B6 (2 mm STITCH) | CORDURA NYLON 500D Black | POLYESTER 3M REFLECTOR FABRIC |
| | | | |



INFINITY 2 FLARE JACKET 4216

SEAM DETAIL





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 Fomat | DXS | D\$ | DM | DL | DXL | D2XL | D3XL |
|----------------|-----|------|----|------|-----|------|------|
| 1/2 chest | 52 | 54 | 56 | 58 | 60 | 62 | 64 |
| 1/2 waist | 46 | 48 | 50 | 52 | 54 | 56 | 58 |
| 1/2 hips | 49 | 51 | 53 | 55 | 57 | 59 | 61 |
| Arm length | 60 | 61.5 | 63 | 64.5 | 66 | 67.2 | 68.4 |
| Shoulder width | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
| Front length | 62 | 63 | 64 | 65 | 66 | 67 | 68 |
| Back length | 66 | 67 | 68 | 69 | 70 | 71 | 72 |

SPECIFIC REQUIREMENTS AND PERFORMANCE LEVELS

Standard EN 17092-4:2020

| | | | Zone 1 | Zone 2 | Zone 3 | |
|--|---|-------------------------------------|--|------------------------------------|------------------------|--|
| Dimensional stability of (N/A if no cleaning requ | % | | ± 5 | | | |
| Impact protector location | | ect location o ckets and sec | | | | |
| External impact protect | tor location and fixation | | meet the requizone. Protectog. | | | |
| Impact abrasion | Darmstadt / no hole on the 9 test pieces | rpm | 265 | 147 | n/a | |
| Seam strength | by zone | N/mm | ≥6 | ≥6 | ≥4 | |
| Seam strength | protector pocket | N/mm | | ≥4 | | |
| | general | - | at leas | t one line pro | tected | |
| Seam construction | leather or textile abrasion overlays | - | at least 2 rows of stitching | | itching | |
| | hard shell overlays | - | at least 2 rows of stitching | | | |
| | by zone | N | ≥35 | ≥25 | ≥25 | |
| Tear strength | protector pocket | N | ≥10 | | | |
| | Two pieces suits | | no gap and no opening | | | |
| Restraint | sleeve | no extraction of the cone | | | | |
| Restraint | Thumb loops distance A-B | mm | max 140 | | | |
| Innocuousness EN ISO 13688:2013 § 4.2 + REACh | | Azo dyes (coated mate | eather), Ni (m s (if contact wi erial), PAH (pl tes (polymers | th skin), Tin, (astic in conta | Cadmium ct 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 | | same SSL ex t beyond the c cm | | | | |
| Fit and ergonomics | | EN 17092-1, | 5.5 : all answ | ers positive | | |
| | | | | | | |

TEST REPORTS

| 1 | IDIADA |
|----|----------------------|
| | MT20090001 |
| 2 | L210917523_1 |
| 3 | L210612129_1 |
| 4 | L210713479_1 |
| 5 | IDIADA MT18030201 |
| 6 | L220202532_1 |
| 7 | L201220679_1 |
| 8 | IDIADA MT21010124 |
| 9 | L220100026_1 |
| LO | IDIADA |
| LU | MT18100207 |
| | |

| 11 | L210612059_1 |
|----|-------------------------|
| 12 | L210917028_1 zonning |
| 13 | L210917029_2 |
| 14 | L230101206_1 |
| 15 | L230203599_1 |
| 16 | L210611850_1 |
| 17 | L210713481_1 |
| 18 | Rictest 4041002/E |
| 19 | L220509470_1 |
| 20 | L220202518_1 |

| 21 | SATRA 2777/10609-01/E00-00 |
|----|-------------------------------|
| 22 | SATRA 2777/10608-02/E00-00 |
| 23 | SATRA 2777/13054-03/E00-00 |
| 24 | SATRA 2777/10815-01/E00-00 |
| 25 | SATRA 2777/11251-01/E00-00 |
| 26 | SATRA 2777/10813-03/E00-00 |
| 27 | SATRA 2777/10837-01/E00-00 |
| 28 | SATRA 2777/10804-01/E00-00 |
| 29 | L210508209_1 |

| | | Reports |
|---|--|--------------------------------|
| 4.1 - General | | |
| 4.1.1 Innocuousness and REACh - Annex > | A./II | 1+2+3+4+5+6+7+8+9+10+11+ |
| 4.1.1 Innocuousness and REACH - Annex 7 | (VII | 29 |
| 4.4.2 Dimensional stability of page at | Washing Température : 30° | 13 |
| 4.1.3 Dimensional stability of garments | Number of washing cycles : 5 | 13 |
| 4.2 - Impact Energy Absorption | | |
| 4.2.1 General | | 13+21+22+23+24+25+26+27+ |
| | | 28 |
| 4.2.2 Impact protector location and fixati | on | 13+21+22+23+24+25+26+27+ 28 |
| 4.2.1 | | |
| 4.3 Impact abrasion resistance | | 13 |
| 4.4 - Structurally Strong Seams (SSS) | | |
| 4.4.1 - General | | 14 |
| 4.4.2 Seam strength | | 13+15+16 |
| 4.5 - Tear strength | | |
| 4.5 Tear strength | | 5+13+17+18 |
| 4.6- Restraint | | |
| 4.6.1 - General | | n.a |
| 4.6.2 Two-piece suit requirements for join | 13 | |
| 4.6.3 Garment sleeve restraint | 13 | |
| 4.7- Additional garment construction | requirements | |
| 4.7.2 - Structural closures | | 13+19 |
| 4.7.3 - Vents | | 20 |
| 4.7.4 - Pockets | | 13 |
| 4.7.5 - Zone intrusions | n.a | |
| 4.7.7 - Use of open mesh materials | | 13 |
| 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 | n.a |
| (Optional) | reflective elements included for reasons of design or decoration. | |
| 4.8 Fit and ergonomics | | 13 |
| Zonning | | 12 |

MARKING - PACKAGING

Marking of the garment:

Logo of Manufacturer Address of Manufacturer

Logo (€

Product reference: INFINITY 2 FLARE JACKET WOMEN Article Code: TITANIUM/YELLOW- 2INFIIFD2650

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:



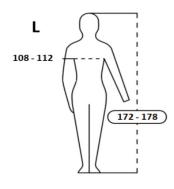












Method of marking of the garment:

Labels

PPE subject to ageing:

Peremption period: 5 years (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 Wash at 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 & Azoïcs 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

