



EU Type Examination Certificate

Date: 2022/03/11

n. **525221011/OE**

Validity: 2027/03/10

The hereunder described items of Personal Protective Equipment have overcome positively the "EU type examination" (Module B), proving their conformity to the safety and health requirements of the Regulation (EU) 2016/425 (Annex II)

Manufacturer: **LEATT CORPORATION**
(Responsible of the PPE) 12, Kiepersol Cresc., Atlas Gardens – Contermanskloof – DURBANVILLE – ZA-7550 CAPE TOWN – SOUTH AFRICA

Type of PPE: **"Body-armor" for use by motorcyclists – including protectors of the back, chest shoulders and elbow against mechanical impact.**

Category of PPE: II : "medium" risks.
This certificate is based on reference standards listed below: its validity is no longer ensured should new version of the standards come into force.

Model: **"Body Protector 3.5" – 5022131100/ 01 / 02 / 03 / 04** (acc. to SIZING)

Description: Long-sleeved textile shirt with back, chest, shoulder and elbow protectors included:

FRONT:



VEST:

external and internal side: - black perforated mesh (BLACK-200K); sleeve binding: - black elastic fabric; fastening system of vest: - by means of a central plastic zipper with silver slider, lined with a black mesh along the entire perimeter; - by means of a black elastic band (XSH-001) with black Velcro (BLACK-250K) and black webbing (Z-004), all fixed to the vest by means of black hook and loop on the waist zone; fastening system of chest protector/black protector: - two black and white elastic bands marked "LEATT" (NYLON-0101) with side buckle closure (POM-090) in waist area; - black Velcro webbing declared 38mm (WEBBING/ VELCET-Z-002-38MM) with red polymeric insert marked "BRACE ON" in white and black colours on the shoulder area.

CHEST PROTECTOR:

design: multilayer construction; external shell: black polymeric material declared HDPE (DUSHANZI K8003), partially perforated, marked "LEATT" in white color, and "3.5" in gold color, with removable plate; internal padding: anthracite foam material declared EVA (EVA DEGREE 35/45) fixed to external shell by means of metallic screws; internal insert: black perforated TPU (TPU 98A);

BACK:



BACK PROTECTOR:

design: multilayer construction; external shell: black polymeric material declared HDPE (DUSHANZI K8003), partially perforated, marked with logo "LEATT" in white color, with a removable plate; internal padding: anthracite foam material declared EVA (EVA DEGREE 35/45) fixed to external shell by means of metallic screws; internal insert: black perforated TPU (TPU 98A);

SHOULDER PROTECTOR:

design: multilayer construction; external shell: black polymeric material partially perforated declared HDPE (DUSHANZI K8003), marked with logo "LEATT" in gold color, stitched to the vest; external coating: black perforated mesh (BLACK-200K); padding: red foam material declared PU partially perforated (PU 35A); internal coating (in contact with the body) / protector pocket: - black perforated mesh (BLACK-200K); - black Lycra (Lycra-Z-001).

ELBOW PROTECTOR:

design: multilayer construction; external shell: black polymeric material partially perforated declared HDPE (DUSHANZI K8003), marked "LEATT" in white color, stitched to the vest; external coating: black perforated mesh (BLACK-200K); padding: red foam material declared PU partially perforated (PU 35A); internal coating (in contact with the body) / protector pocket: - black perforated mesh (BLACK-200K); - black Lycra (Lycra-Z-001).





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Technical Standard: **EN 1621-1:2012** Motorcyclists' protective clothing against mechanical impact - Part 1: Motorcyclists' limb joint impact protectors: requirements and test methods.
EN 1621-2:2014 Motorcyclists' protective clothing against mechanical impact - Part 2: Motorcyclists' back protectors – Requirements and test methods.
EN 1621-3:2018 Motorcyclists' protective clothing against mechanical impact - Part 3: Motorcyclists' chest protectors – Requirements and test methods.
Me-int 097 Body armor – assembly of protectors of the trunk and upper arms.

Intended use: Preventive use against mechanical impacts during motorcycling, quad and biking/downhill activities. This item must always be properly worn with suitable motorcycling garments and all other suitable P.P.E in order to ensure the most complete protection of the body.

Size range: **Commercial sizes:** from S to XXL:

Type + Protector sizes: (area of protection)

COMMERCIAL SIZE:	CB = Full Back Waist to shoulder length (in cm) in accordance with EN 1621-2:2014	S = Shoulder	E = Elbow	C = Full Chest
S-XL	35±40 cm	Type A	Type A	Type A
XXL	40±45 cm			

Technical File: **DC-14548**

Test report: **RCT n° 4013509/E**

Functions and performance levels: To reduce the severity of injuries caused by impacts. The protectors give a limited protection against mechanical impact in case of accidents.

EN 1621-1:2012 **SHOULDER PROTECTOR + ELBOW PROTECTOR:**
 Method: planar face drop striker at 50 J.
Mandatory test: from the values of the transmitted force obtained at standard ambient conditions and after hydrolytic treatment (= wet conditions) the overall performance reached is: **level 1**.

EN 1621-2:2014 **BACK PROTECTOR:**
 Method: "Kerbstone" at 50 J;
Mandatory test: from the values of the transmitted force obtained at standard ambient conditions and after hydrolytic treatment (= wet conditions) the performance reached is: **level 1**.

EN 1621-3:2018 **CHEST PROTECTOR:** Method: "Kerbstone" at 50J; Method: "Kerbstone" at 50 J;
 - impact attenuation obtained at standard ambient conditions and after hydrolytic treatment (= wet conditioning) = PASS - level of performance reached is: **level 1**.

NOTE 1: The Norms EN 1621-1:2012 and EN 1621-2:2014 2 provide 2 performance levels and level 2 is the one offering higher performances.

(*): The Norm EN 1621-3:2018 provides for 2 levels of protection, of which lev. 2 is deemed to provide better protection - if the protector has passed ONLY the force attenuation = display performance 1- if also the force distribution is passed = display performance 2;

GENERAL NOTE: The protective functions also depend on the correct positioning of the Body-Armor, which is not part of this assessment and falls within the responsibility of the user.





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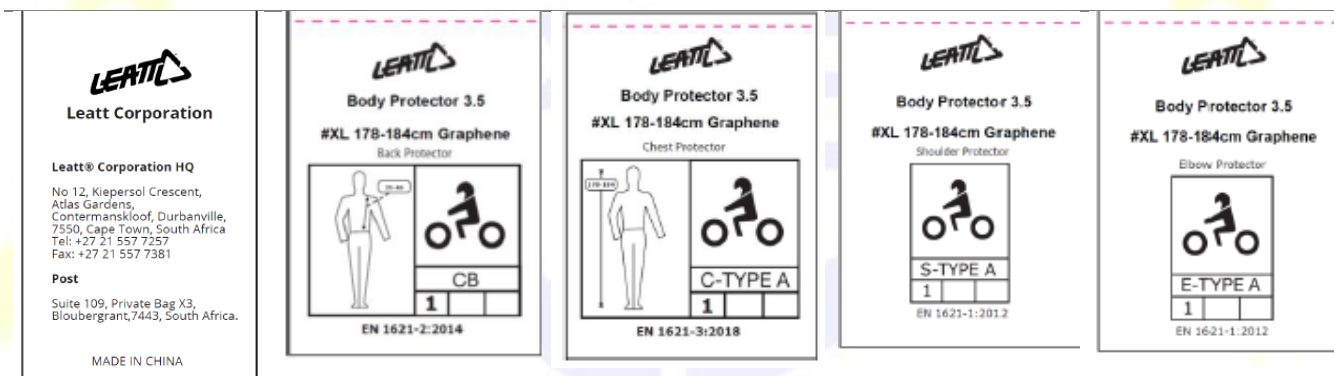
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Marking:

2 OR more CE-Markings (according to the nr of protectors included): main one for the "complete" PPE = "Body Protector 3.5" + one stitched on each protector composing the PPE item, and displaying the following information as required by each Standard:

- **CE Marking;**
- Name/Brand of the Manufacturer;
- item designation (numeric code: unique and unambiguous);
- pictogram indicating the intended use (motorcycling), protector type and size, overall protective level achieved during laboratory tests and indication of the Standard of reference;
- symbol "i in the booklet" to invite the user to read the Information Notice;
- additional information on the overall PPE Marking: Category II + Notified Body nr., website, "Made in...", internal codes, etc.



FRONT:

BACK:

CE-Owner Catalogue:



NOTE: the Technical File contains a more detailed description of the PPE (material, method of assembly, photographs or drawings), performance data, safety functions and level of protection, elements of conformity to the basic and supplementary requirements. The Technical File is integral part of the present Certification, which has to be kept available by the applicant to be forwarded - upon request - to the entitled person (supervising body, Controlling Officer).

