

CE TYPE APPROVAL CERTIFICATE

n. **525153803/OE**

2015/09/15

This is to certify, that the hereunder described items of Personal Protective Equipment have overcome positively the "CE type examination", proving their conformity to the safety and health requirements of the Directive 89/686/EEC.

Manufacturer: **LEATT CORPORATION**
(Responsible of the PPE)
50, 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, shoulder, elbow and the chest in conformity with Harmonized Technical Standards: **EN 1621-1:2012 + EN 1621-2:2014 + Draft Standard: prEN 1621-3:2015.**

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

Model **"Body Protector LEATT 4.5"**
Codes: 5016400100/101/102 (*)

Description: **CHEST: design:** multilayer construction, as follows:
FRONT:
external shell: declared composition: black PP and white TPU, partially perforated, stitched to the internal side; external coating: black perforated fabric; padding: two layers of grey PEX, partially perforated; internal coating (in contact with the body): black perforated fabric; edge: black fabric;



BACK:
external shell: declared composition: black PP, partially perforated, stitched to the internal side; external coating: black perforated fabric; padding: two layers declared PEX color gray partially perforated; internal coating (in contact with the body): black perforated fabric; edge: black fabric;



SHOULDER: design: multilayer construction, as follows:
external shell: declared composition: black PP, partially perforated, stitched to the internal side; external coating: black perforated fabric; padding: declared composition: grey PEX, partially perforated; internal coating (in contact with the body): black perforated fabric; edge: black fabric;

ELBOW: design: multilayer construction, as follows:
external shell: declared composition: black PP, partially perforated, stitched to the internal side; external coating: black perforated fabric; padding: declared composition: grey PEX, partially perforated; internal coating (in contact with the body): black perforated fabric; edge: black fabric;

fastening system: The protectors are connected to each other with black and grey stretch fabric, with a lateral zipper and a black elastic strap marked "LEATT" in white with a black polymeric quick-lock buckle.

(*)= codes depending on the sizes: SEE the relevant table.

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.
prEN 1621-3 Motorcyclists' protective clothing against mechanical impact - Part 3: Motorcyclists' chest protectors – Requirements and test methods.
(dd. 22/04/2015)
Me-int 097 Body armor – assembly of protectors of the trunk and upper arms.

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Intended use: preventive use against mechanical impacts during off-road and downhill bicycle and motorbike activities – protection is given by this PPE item only when fully equipped of its connected protectors firmly stitched, and implemented by suitable additional motorcycling equipments.

Size range:

Type of back protector:

FB=
Full Back

	Codes:	Waist to shoulder length (cm) in accordance with EN 1621-2:2014 (*)
S/M	art. 5016400100	39 – 44 cm
L/XL	art. 5016400101	39 – 44 cm
XXL	art. 5016400102	39 – 44 cm

(*) = S/M, L/XL + XXL size has the same W-S length – so it does not differ for the protection area coverage, but for other ergonomic dimensions of the item (paddings, waist-belts).

Protector sizes: (area of protection) - **FULL Chest (= C), Type A.**
- **“S” (= Shoulder) Type A – “E” (= Elbow) Type A.**

Technical File: **DC-7372/E** (including Application to **RCT** and Technical Documents).

Test report: **RCT n°341634/E.**

Basis of evaluation: applicable requirements of the European Directive 89/686/EEC and reference Standards.

Functions and performance levels: This body armour incorporates and combine the protective functions of the following certified protectors:

SHOULDER and ELBOW protectors: Method: planar face drop striker at 50 J: from the values of transmitted force obtained at standard ambient conditions and after hydrolytic treatment (= wet conditions) the performance reached is: **level 1.**

BACK protector: Method: “kerbstone” at 50J: from the values of the transmitted force obtained at standard ambient conditions and after hydrolytic treatment (= wet conditions) the performance reached is: **level 2.**

CHEST protector: Method: “kerbstone” at 50J: a) impact force attenuation: “bar impactor kerbstone at 50J” conditioning standard + hydrolytic treatment = **pass** ; b) force distribution: OPTIONAL = PERFORMED with result: **pass** - so the performance to be displayed is **level 2.**

NOTE for the CHEST protector: For the prEN 1621-3 (2015): if the protector has passed ONLY the force attenuation = display performance 1- if also the force distribution is passed = display perf. 2. **Note for the BACK and LIMB protectors:** -the technical standard provides 2 performance levels and level 2 is the one offering higher performances.

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

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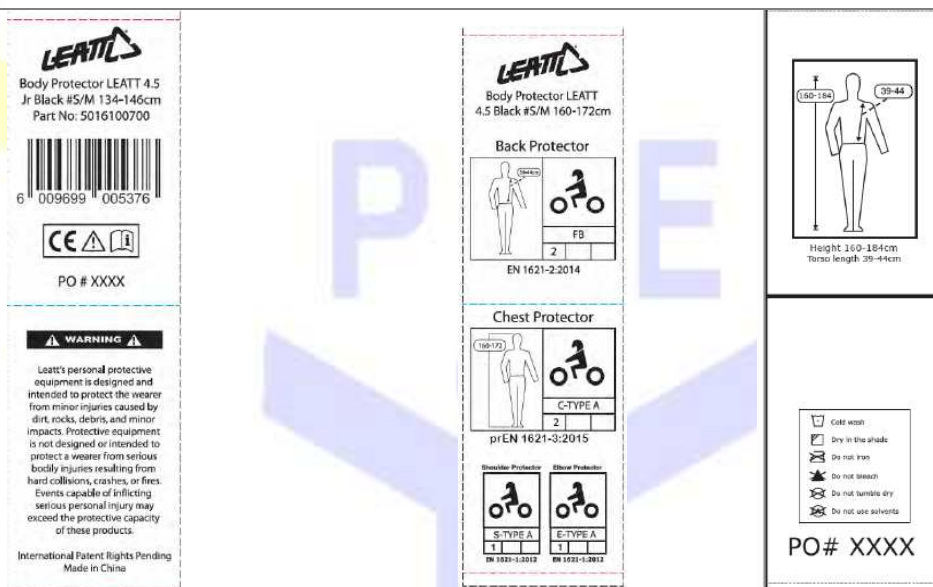
2015/09/15

Marking:

(see example below)

printed on different folded labels and include the following information:

- **CE Marking** indicating the conformity of the PPE to the provisions of the Directive 89/686/CEE (and later amendments) +
- name of the manufacturer and designation of the P.P.E.;
- indication of the Technical Harmonized Standards/Draft referred to;
- pictogram inviting users to read the Information Notice;
- pictograms in accordance with the Standards/Draft indicating the intended use of the P.P.E. accompanied by the type and the level of performance, international care symbols;
- pictogram required by EN 1621-2:2014 for the indication of the W-S length;
- other labels with additional information.



FRONT:



BACK:



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).