



riomica body o i/o

n. 525144901/OE

CE TYPE APPROVAL CERTIFICATE

2014/12/05

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: (Responsible of the PPE)	LEATT CORPORATION 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 and the chest in conformity with Harmonized Technical Standard: EN 1621-2:2014 + EN 1621-1:2012 + Draft Standard: prEN 1621-3:2014.
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.

"FUSION VEST LEATT 3.0"

Codes: 1015400100/101/102 + 110/111/112 (*)

Description:

Model

BLACK: (FRONT)



WHITE: (BACK)



Technical Standard:

Body- armor incorporating <u>back + chest + shoulder protectors</u>, intended for motorcycling use. Description of the col. **BLACK** variant (= **1015400100/101/102**): <u>CHEST PROTECTOR:</u>

design: multilayer construction; external shell: two parts (declared composition: black HDPE) stitched to the inner part; insert in declared white TPE; internal and external lining (in contact with the body): black textile; mid-layer: black foam, partially perforated "5 mm 70A Shenzeng sheet"; padding: grey foam (declared composition: PEX); edge: black textile; fastening system: fixed to the body with a black adjustable elastic waist-belt marked "LEATT" in white.

BACK PROTECTOR:

design: multilayer construction; external shell: two parts (declared composition: black HDPE) stitched to the inner part; insert in declared white TPE; internal and external lining (in contact with the body): black textile; mid-layer: black foam, partially perforated "7 mm 70A Shenzeng sheet"; padding: grey foam (declared composition: PEX); edge: black textile; fastening system: fixed to the body with a black adjustable elastic waist-belt, marked "LEATT" in white.

SHOULDER PROTECTOR:

design: multilayer construction; external shell: declared white PE, partially perforated, stitched to the padding; internal and external lining (in contact with the body): declared black/dark grey Lycra; mid-layer: one layer of black foam "Sansheng 5 mm 70A shore", partially perforated; padding: declared grey PEX foam;

<u>edge</u>: black textile; fastening system: fixed to the body with a black adjustable elastic waist-belt marked "LEAT".

<u>NECK BRACE: IS NOT THE OBJECT of this CE-CERTIFICATION:</u> just to show compatibility of the FUSION VEST LEATT 3.0 to be connected to a suitable and CE-Certified neck-brace, to be fixed to the body protector with metal screws; black frame with black elastomeric inserts.

(*)= codes depending on the sizes (see table below) and on the COL. variants: the WHITE col. (1015400110/101/102) differs for the BACK and CHEST 2 HDPE shells that are white.

EN 1621-2:2014

Motorcyclists' protective clothing against mechanical impact - Part 2: Motorcyclists' back protectors – Requirements and test methods.

prEN 1621-3 (dd. 24/10/2014)

2: Motorcyclists' back protectors – Requirements and test methods. Motorcyclists' protective clothing against mechanical impact - Part 3: Motorcyclists' chest protectors.

Motorcyclists' protective clothing against mechanical impact - Part

EN 1621-1:2012 1: Motorcyclists' limb joint impact protectors: requirements and test methods.

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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	

Type of back protector:

FB= Full Back

Cod <mark>es:</mark>	Commerc	Waist to shoulder length
	ial sizes	(cm)
		in accordance with
		EN 1621-2:2014
art. 1015400100 /110	S/M	38 – 43 cm
art. 1015400101/111	L/XL	42.5 – 47.5 cm
art. 1015400102/112	XXL	45 – 50 cm

Protector sizes: (area of protection)	- FULL Chest (= C), Type A - "S" (= Shoulder) Type A
Technical File:	DC-6926 (including Application to RCT and Technical Documents).
Test report:	RCT n°334719.01/E
Basis of evaluation:	applicable requirements of 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:
DACK made de m	Mothod: "karbstope" at 50 l: from the values of the transmitted force obtained at

<u>Method</u>: "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 1.

<u>CHES T protector:</u> <u>Method</u>: "kerbstone" at 50J: a) <u>impact force attenuation:</u> "bar impactor kerbstone at

50J" conditioning standard + hydrolytic treatment = <u>pass</u>; b) <u>force distribution</u>: OPTIONAL = NOT PERFORMED so the performance to be displayed is <u>level 1.</u>

SHOULDERs protector:

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

NOTE for CHEST: For the prEN 1621-3 (2014): if the protector has passed ONLY the force attenuation = display performance 1- if also the force distribution is passed = display perf. 2. Note for BACK + SHOULDERS: -the technical standard provides 2 performance levels and level 2 is the one offering higher performances.

<u>GENERAL NOTE</u>: - 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.

Marking:

printed on a label and includes the following information:

(see <u>example</u> below))

- **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 referred to;
- pictogram inviting users to read the Information Notice;
- pictograms in accordance with the Standards 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.



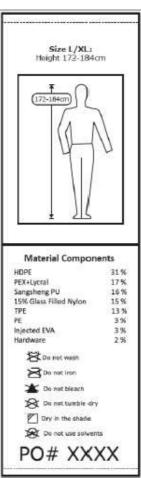


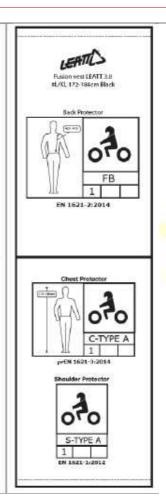
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Note: the Technical File contains a more detailed description of the PPE (mat., method of assembly, photographs or drawings), performance data, safety functions and level of protection, elements of conformity to the basic and supplementary requirements.

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).