

CE TYPE APPROVAL CERTIFICATE

n. **525174601/OE**

2017/11/17

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, shoulder and chest against mechanical impact.
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	"Fusion Vest 2.0 Jr" 1018010-XXX (*)
Description:	<p>(*) = The different codes corresponding to different <u>sizes & colors</u>: see table under <u>description</u>:</p> <p>CHEST PROTECTOR: <u>design</u>: multilayer construction; <u>external shell</u>: two layers of black fabric matched with grey foam partially perforated mat., declared "20p PEX" (1) stitched and glued to the inner part, marked "LEATT" with a white logo, with partially perforated inserts made of black polymeric mat. in the chest area, with a hooking system by means of an elastic band. Where the protector is perforated, a net made of black polymeric mat. is present; <u>internal lining (in contact with the body)</u>: as mat. (1); <u>padding</u>: one layer of black foam partially perforated (17-NB-05-0017-PS) + one layer of another black partially perforated foam (17-NB-05-0018-PS); <u>edge</u> (2): black textile; <u>fastening system</u> (3): fixed to the body with a black adjustable elastic waist-belt marked "LEATT" in white with a <u>red buckle</u> made of polymeric mat.;</p> <p>BACK PROTECTOR: <u>design</u>: multilayer construction; <u>external shell</u>: two layers of black fabric matched with grey foam mat., declared "20p PEX" partially perforated (1), marked "LEATT" with a logo in white col.. Where the protector is perforated, a net made of black polymeric mat. is present; The protector is stitched to the neck brace in the back area of the fin fixed by means of two metallic screws (7) in contact with the user in the shoulder area; <u>internal and external lining (in contact with the body)</u>: as mat. (1); <u>padding</u>: one layer of black foam partially perforated (17-NB-05-0020-PS) + another layer of partially perforated black foam (17-NB-05-0021-PS); <u>edge</u> (2): black textile; <u>fastening system</u> (3): fixed to the body with a black adjustable elastic waist-belt marked "LEATT" in white with a red buckle made of polymeric mat.;</p> <p>SHOULDER PROTECTOR: <u>design</u>: multilayer construction; <u>external lining</u> (4): declared black NEOPRENE, partially perforated, stitched to the padding, marked "LEATT" and with a logo in white col. (17-NB-05-0037-PS); <u>internal (in contact with the body)</u> (5): black 3D mesh (17-NB-05-0038-PS) matched with grey foam mat.; <u>padding</u>: red foam declared PU, partially perforated (17-SS-03-0001-PS); <u>fastening system</u>: by means of a tape made of the same mat. (4) with a flange made of fabric (2), with a hook & loop fastener (6) in the lower area of the protector, and a hook & loop fastener positioned in the upper part for fixing the neck brace;</p> <p>NECK BRACE: <u>plastic frame, front and rear part</u>: black rigid polymeric mat. (17-NB-05-0003-PS) marked "LEATT" in white col. in the lateral areas; <u>foam paddig on plastic frame, front and rear part</u>: black foam mat. (17-NB-05-0004-PS); <u>release system</u>: by means of a button made of black polymeric mat. on the sides marked "OPEN" in white col.; <u>insert on the shoulder area</u>: in black elastomeric mat. (7 17-NB-05-0006-AS).</p> <p>The ORANGE version differs for: the orange colored front panels (inserts) on the chest in polymeric material + the neck brace plastic frame in rigid orange polymeric material (17-NB-05-0003-PS).</p>



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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.
	FprEN 1621-3 (2017-04)	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 "off-road" motorcycling and downhill-biking activities: - protection is given by this PPE item only when fully equipped, and implemented by suitable additional motorcycling equipments.

Size range:

Type + Protector sizes: (area of protection)

COMMERCIAL SIZE:	Waist to shoulder length (cm) in accordance with EN 1621-2:2014	CHEST	SHOULDER
S/M	CB= CENTRAL BACK 23 ÷27 cm	FULL Chest (= C), Type A.	"S" Type A
L/XL	28 ÷31 cm		
XXL	31 ÷34 cm		

Technical File: **DC-8798.**

Test report: **RCT n°363037/E.**

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

EN 1621-1 :2012

SHOULDER protectors:

Method: planar face drop striker at 50 J;

- mandatory test: from the values of transmitted force obtained at standard ambient conditions + after hydrolytic treatment (= wet conditioning) the performance reached is: level 1.

EN 1621-2:2014

BACK protector:

Method: "kerbstone" at 50J;

- mandatory test: from the values of the transmitted force obtained at standard ambient conditions and after hydrolytic treatment (= wet conditioning) the performance reached is: level 1.

FprEN 1621-3 (dd.2017)

CHEST protector:

Method: "kerbstone" at 50J:

- mandatory test: impact attenuation at standard ambient cond. + after hydrolytic treatment (= wet conditioning) the performance reached is: PASS = level 1 (*)

The overall level of performance reached by the Body-Armor is level 1

NOTE 1: the Technical Harmonized Standard EN 1621-1 + 2 provide 2 performance levels and level 2 is the one offering higher performances.

(*):the Working Draft *prEN 1621-3 (2017)* provides for 2 levels of protection, of which lev. 2 is deemed to provide better protection - if the protector has passed ONLY the impact force attenuation = display performance 1- if also the optional force distribution = 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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Marking:



printed on different labels, stitched on each protector, including the following information:

- CE Marking;

- name/LOGO of the manufacturer (also on the item itself, on plastics etc);
- designation of the P.P.E. item (commercial name and numeric code);
- pictogram indicating the "intended use" = motorcycling, with the symbols/codes referring to the different sizes /areas of protection and under these the overall level of performance obtained;
- indication of the different Technical Harmonized Standards/Technical Draft referred to;
- pictogram "little man" with ergonomic sizes in accordance with the different Standards: (W-S length / chest-girth etc.) + manufacturer's declaration of "suggested height";
- pictogram inviting users to read the Information Notice;
- additional infos: warning label; material components; care/washing symbols; PO nr, "Made in ..." etc.



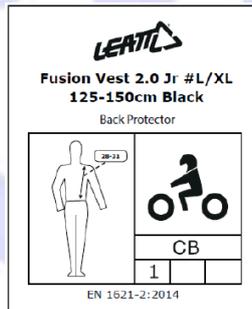
Material Components

Glass-filled Nylon	48%
PEX+EVA+Spandex	26%
Polyurethane	25%
Other	1%



PO# XXXX

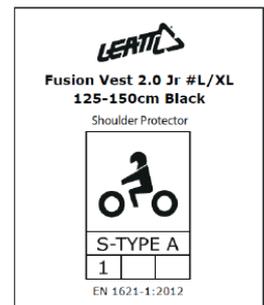
"CE" MARKING BACK:



"CE" MARKING CHEST:



"CE" MARKING SHOULDER:



ORANGE version:



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).