

EU Type Examination Certificate

Date: 2019/10/31

n. **525194401/OE**

Validity:
2024/10/30

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: (Responsible of the PPE)	LEATT CORPORATION 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 elbows 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 3DF AirFit Hybrid" Codes: 5020004200/ 4201/4202
Description:	<p><u>external side</u>: black perforated mesh "BLACK ADVENTURE MESH" (BL019004008017); black Lycra (BL065005011009) matched with anthracite grey foam material and black knitting; on the shoulders area there are two belts "15mm nylon elastic strap" (ZZ-SJD003095002); <u>fastening system of the whole body armor</u>: a lateral zipper on the front side, with a metallic slider; two elastic belts, made of black stretch fabric "38MM BLACK ELSTIC STRAP", fastened and adjustable by means of buckles made of black polymeric material; <u>edge</u>: black stretch fabric "BLACK MILY FABRIC" (BL030007011041).</p> <p>CHEST PROTECTOR: <u>design</u>: multi-layered construction; <u>external shell</u>: black polymeric material partially perforated stitched on the inside of the body armor, marked "LEATT" and "AIRFIT HYBRID" in white color; <u>external coating</u>: black lycra (BL065005011009) matched with anthracite grey foam material and black knitting; <u>padding</u>: one layer of red foam partially perforated "70° RED EVA 10mm" with hook and loop closure; <u>internal coating (in contact with the body)</u>: black perforated mesh "BLACK ADVENTURE MESH" (BL019004008017); <u>internal opening to insert the chest protector</u>: black elastic fabric.</p> <p>BACK PROTECTOR: <u>design</u>: multi-layered construction; <u>external shell</u>: two shells of black polymeric material partially perforated stitched on the inside of the body armor, marked with the logo "LEATT" in white color; <u>external coating</u>: black Lycra "BLACK LYCRA" (BL065005011009) matched with anthracite grey foam material and black knitting (partially perforated); <u>protector</u>: two layers of black foam "70° BLACK EVA 7mm" and red foam "70° RED EVA 10mm" partially perforated, matched with the external shell by hook and loop closure; <u>internal coating (in contact with the body)</u>: black perforated mesh "BLACK ADVENTURE MESH" (BL019004008017); <u>internal opening to insert the back protector</u>: black elastic fabric; <u>removable insert</u>: black PU "REMOVABLE PU" (WF003000003406) matched with back protector by hook and loop closure (ZZ-010027002002 and ZZ-009009002016).</p> <p>SHOULDER PROTECTOR: <u>design</u>: multi-layered construction; <u>external shell</u>: black TPU shell marked with logo in white color; <u>external lining</u>: black stretch fabric "09058 Polyester" (BL140006020058); <u>internal coating (in contact with the body)</u>: black elastic fabric; <u>removable protector</u>: red foam partially perforated "RED SHOULDER PU left-right" (PULET010002047-PULET010002048).</p> <p>ELBOW PROTECTOR: <u>design</u>: multi-layered construction; <u>external shell</u>: black TPU shell marked "LEATT" and logo in white color; <u>external lining</u>: black stretch fabric "09058 Polyester" (BL140006020058); <u>internal coating (in contact with the body)</u>: black elastic fabric; <u>removable protector</u>: red foam partially perforated "RED ELBOW PU" (PU039010095020).</p>

FRONT:



BACK:



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Technical Standard:	<p>EN 1621-1:2012 Motorcyclists' protective clothing against mechanical impact - Part 1: Motorcyclists' limb joint impact protectors: requirements and test methods.</p> <p>EN 1621-2:2014 Motorcyclists' protective clothing against mechanical impact - Part 2: Motorcyclists' back protectors – Requirements and test methods.</p> <p>EN 1621-3:2018 Motorcyclists' protective clothing against mechanical impact - Part 3: Motorcyclists' chest protectors – Requirements and test methods.</p> <p>Me-int 097 Body armor – assembly of protectors of the trunk and upper arms.</p>
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Intended use: preventive use against mechanical impacts during off-road motorcycling/downhill biking activities: protection is given by this PPE item only when fully equipped, and implemented by suitable additional motorcycling equipment.

Size range:	COMMERCIAL SIZE:	Waist to shoulder length (cm) in accordance with EN 1621-2:2014	CHEST	SHOULDER	ELBOW
	S/M 5020004200	FB= FULL BACK 46 ÷ 50 cm	FULL Chest (= C), Type A	"S" Type A	"E" Type A
	L/XL 5020004201	51 ÷ 54 cm			
	XXL 5020004202	55 ÷ 59 cm			

Protector sizes: **"C"** (Full Chest) **Type A**; **"S"** (Shoulder) **Type A**; **"E"** (Elbow) **Type A**
(area of protection)

Technical File: **DC 11298**

Test report: **RCT n° 3814024/E**

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

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.

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

ELBOW PROTECTOR: Method: planar face drop striker at 50J: from the values of transmitted force obtained at standard ambient conditions and after hydrolytic treatment (=wet conditions) the performance reached is: level 2.

CHEST PROTECTOR: Method: "Kerbstone" at 50 J = impact attenuation obtained at standard ambient conditions and after hydrolytic treatment (= wet conditioning): PASS.
Method: "hemispherical impactor with guard ring" at 50 J = force distribution obtained at standard ambient conditions: PASS. Overall performance achieved level 2.

Overall performance: **level 1**.

NOTE for the CHEST protector: For the EN 1621-3:2018: If the protector has passed ONLY the force attenuation = level 1 - If the force distribution test is also passed = level 2.

Note for the BACK and LIMB protectors: the technical standard provides 2 performance levels, level 2 being 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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Marking:

LEATT
Body Protector 3DF AirFit Hybrid #L/XL

5020004201



6 009699 073573

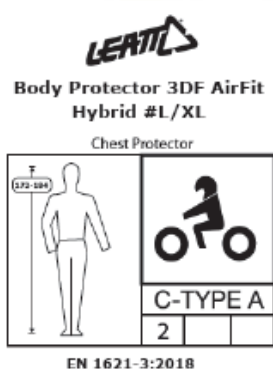
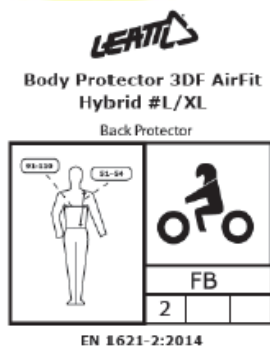
This product contains a certified Back Protector to EN 1621-2:2014 (Level 2); Shoulder S-Type A, and Elbow E-Type A, to EN 1621-1:2012 (Level 1); and a Chest Protector C-Type A to EN 1621-3:2018 (Level 2)



printed on different labels which, in combination, gives the following information required by the different European Standards included in the Body-Armor:

- **CE Marking;**

- name and logo of the Manufacturer;
- designation of the P.P.E. (commercial name + part number: unique/unambiguous);
- number and year of the Technical Standards of reference involved + levels;
- pictogram "i in the booklet" inviting the final user to read the User Manual;
- one complete CE-Markings for each protector included into this product: pictogram for the intended use (motorcycling) + indication of the type of protector and level of performance achieved during laboratory tests;
- size indication (pictograms required by the Norms for the indication of the W-S length and height - ergonomic sizes min-max range in cm, etc);
- on other labels: "Made in...", warnings, care & maintenance symbols, material components, web-site, etc.



* lowered level according to manufacturer's choice.

FRONT:



BACK:



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).

