



EU Type Examination Certificate

Date: 2023/10/06

n. **525234001/OE**

Validity: 2027/03/07

This Certificate cancels & replaces the previous one nr. 525221001/OE dated 2022/03/08.

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 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 ReaFlex 502406380/ 81 / 82 / 83 / 84 (acc. to SIZING)
Description:	<p>Long-sleeved textile shirt with back, chest, shoulder and elbow protectors included:</p> <p><u>List of textile materials used in the above mentioned articles:</u></p> <p>- black fabric (BL019004008017); - black fabric (ZZ-031007002002); - black fabric (BL030007011041); - black fabric (BL065005011009); - black fabric (BL065005011009) coupled with grey foam material (FP013002014003) in the chest zone; - black fabric (BL065005011009) coupled with grey foam material (FP015001017014) in the shoulder and back zone; - black knitting (BL039007011054); - black knitting (BL039007011054) coupled with grey foam material (FP003001017053) in the chest and back zone; - black fabric (BL0150090090049); - black stretch fabric (ZZ-SJD003095002); - red fabric (BL030007011004); - black fabric (BL041021008002); - black stretch fabric (ZZ-022013002001); - black hook and loop closure (ZZ-010027002002); - black hook and loop closure (ZZ-009021002004); - black perforated fabric (BL019004008065); - black knitting (PUACE004002001); - black stretch fabric (ZZ-027048002034); - black fabric (ZZ-PPD013002002).</p> <p><u>List of polymeric materials used in the above mentioned articles:</u></p> <p>- black PVC (SJ019009021206 - left) and (SJ019009021207 - right); - red PVC (WF003000003405 - left) and (WF003000003404 - right); - black PU (WF003000003661); - black polymeric material (SJ021033002086); - black polymeric material (SJ021054002185).</p> <p><u>Main fastening:</u> - metallic zipper in contact with the user (LL0000000002252).</p> <p><u>Protectors inserted in the garment:</u></p> <p>- <u>back</u> protector in red polymeric material perforated (Central back): (KGLET30002011 for size S/M – 2007 size L/XL - 2012 size XXL);</p> <p>- <u>chest</u> protector in red polymeric material perforated (Full Chest Type A): (SJ0210066002104 for all sizes);</p> <p>- <u>shoulder</u> protector in red polymeric material perforated ("S" Type A): (KGLET30002013 for size XS/S - 2005 size M/XXL);</p> <p>- <u>elbow</u> protector in red polymeric material perforated ("E" Type A): (KGLET30002014 for size XS/S - 2006 for size M/XXL).</p>



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 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 an overall 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-M	46÷50 cm	Type A	Type A	Type A
L-XL	51÷54 cm			
XXL	55÷59 cm			

Technical File: **DC-14150 + DC 17632/E**

Test report: **RCT n° 4012017/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.



