

AS

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For the attention of: Jakob Weigel

TEST REPORT

N. **4010402/E**

date: 21/09/2021

Sampling: done by the Applicant

Samples received on: 07/09/2021

Test period: 16-21/09/2021

SAMPLES: Limb protectors for motorcycle riders:

- art. "**K-PACT YOUTH**" (code: **47210-5928**) declared knee protector, sizes S-M-L;
- art. "**E-PACT YOUTH**" (code: **47210-5929**) declared elbow protector, sizes S-M-L.


See the complete description on the next page.

REQUEST: Laboratory tests in accordance with EN 1621-1:2012 for the aim of the Certification (Regulation (EU) 2016/425).

NOTE:

The protector art. "SC-K101 KID-PAD" has already been certified with EC no. 289171601/OE in accordance with EN 1621-1:2012.

The protector art. "SK-1/15" has already been certified with EU no. 289210301/OE in accordance with EN 1621-1:2012.

OUTCOME:  **PASS**

Notes:

All results refer exclusively to the tested materials.

Partial reproduction or publication, e.g. for advertising purpose not admitted without written authorization by RCT.

Positive results of a test report do not imply that the tested product is "certified" or "approved" by RCT.

Comments and interpretations are of subjective nature and not part of the Test Report.

Test carried out by qualified partner lab.

Conformity assessment criterion: the result is considered compliant until the value falls within or coincides with the specification limit.

Description:

article: "K-PACT YOUTH" (code: **47210-5928**)

"E-PACT YOUTH" (code: **47210-5929**)

design: multilayer;

external coating:

- black fabric art. "Wearproof Fabric Polyester" (TT-6312 44W") **(1)**;

- black perforated fabric coupled with grey perforated foam material art. "High elastic diamond Nylon Mesh+1.5mm Neoprene With"Y"Hole+Polyester Jersey Fabric" (60W") **(2)**;

- black perforated fabric art. "Nylon Elastic Mesh" (260g/y 60W") **(3)**;

- black fabric art. "Polyester Lycra Piping" (28mmW) **(4)**;

internal coating (in contact with the body):

- bordeaux fabric art. "Polyester Jersey Fabric" (140G/Y 60" W) **(5)**;

- black fabric coupled with black silicon art. "TOP/Bottom Inside Polyester Elastic Strap With Silicon Printing" (25mm W) **(6)**;

edge: black fabric art. "Polyester Lycra Piping" (28mmW) **(4)**;

fastening system:

- black elastic fabric with hook and loop closure art. "TOP/Bottom Strap:Nylon Velcro Hook & Loop" (30/38mm W) **(7)**;

- black hook and loop closure art. "TOP/Bottom Loop: Polyester Strap" (10mm W) **(8)**;

protectors inserted: art. "SC-K101 KID-PAD" company SAS-TEC GmbH.

protectors inserted: art. "SK-1/15" company SAS-TEC GmbH - present only in art. "K-PACT YOUTH" sizes M and L.

Groups of materials tested for Azo-dyes content:

X) (1) + (2) + (3) + (4);

Y) (5) + (6) + (7) + (8).

Groups of materials tested for Phthalates content:

Z) (6).

References	Tests	Measuring unit	Requirements	Results
EN 1621-1:2012	Motorcyclists' limb joint impact protectors			
				art. "K-PACT YOUTH"
4 (5.3 – 6.3.1.5)	Type of protector - declared dimension: - tested/confirmed dimension:	-	S, E, H, K, L, K+L Type A/B (table 1)	"K" Type A "K" Type A
				art. "E-PACT YOUTH"
4 (5.3 – 6.3.1.5)	Type of protector - declared dimension: - tested/confirmed dimension:	-	S, E, H, K, L, K+L Type A/B (table 1)	"E" Type A "E" Type A
5.2 5.2.1	Innocuousness			
				For all samples:
EN ISO 13688:2013 4.2	Innocuousness		Materials shall not adversely affect the health or hygiene of the user, they shall not release substances generally known to be toxic, carcinogenic, mutagenic, allergenic, toxic to reproduction or otherwise harmful.	Pass
4.2/c ISO 3071: 2020	pH - other materials extracting solution: KCl	-	> 3,5 and < 9,5	Materials: 1 7,4 2 6,8 3 7,2 4 7,9 5 7,5 6 7,1 7 8,1 8 7,2
4.2 d ISO 14362-1:2017# textile	Azo colorants content:	mg/kg	absent (< 30 mg/kg)	Groups of materials: X, Y Pass

References	Tests	Measuring unit	Requirements	Results
				Materials: 1 2 3 4
5.2.2 (6.2) (EN ISO 11642:2012 o EN ISO 105-E01: 2013)	Colour fastness to water - discharge a) acetate b) cotton c) polyamide d) polyester e) polyacrylic f) wool *: 5=good, 1=bad.	Grey scale*	≥ 4 ≥ 4 ≥ 4 ≥ 4 ≥ 4 ≥ 4	5 5 5 5 5 4 5 5 4/5 4 5 5 5 4/5 4/5 4/5 4/5 5 5 5 5 5 5 5
				Materials: 5 6 7 8
5.2.2 (6.2) (EN ISO 11642:2012 o EN ISO 105-E01: 2013)	Colour fastness to water - discharge a) acetate b) cotton c) polyamide d) polyester e) polyacrylic f) wool *: 5=good, 1=bad.	Grey scale*	≥ 4 ≥ 4 ≥ 4 ≥ 4 ≥ 4 ≥ 4	4/5 4/5 5 5 4/5 5 5 5 4 4 5 5 4 4/5 5 5 5 4/5 4/5 5 4/5 5 5 5
5.4	Impact test	See Test Report No. 360701/E (for art. "SC-K101 KID-PAD") See Test Report No. 3923808/E (for art. "SK-1/15")		
				For all samples:
5.5	Ergonomic features			Pass
	Innocuousness, additional chemical tests			
EN ISO 14389:2014#	Phthalates	mg/kg	< 1000 mg/kg (Sum of phthalates)	Group of materials: Z Pass

- End of the test report -