



TEST REPORT

N. 4113121/E

date: 08/09/2022

CLIENT: **BOARDS & MORE GmbH (Division ION)**
Rabach 1
4591 Molln
Austria

AC

FOR THE ATTENTION OF: Anna Thoma

DC 15607

SAMPLING: done by the Applicant

SAMPLES RECEIVED: 22/08/2022

TEST PERIOD: 01-08/09/2022

SAMPLES: Two shorts for bike/downhill use, in the following articles:

- "**Protection Wear short tights plus AMP unisex**" (47230-5910), hip protector, sizes S/M/L/XL.
- "**Protection Wear short tights AMP unisex**" (47230-5912), hip protector, size M.

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-1/KCAir" inserted into the pocket has already been certified with EU no. 289200901/OE.

OUTCOME: **PASS**

Notes:

All results refer exclusively to the tested materials.

Partial reproduction or publication 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 ISO 17025.

* Test not accredited by Accredia

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

Unless otherwise indicated, the test conditions correspond to the reference standard.

M22 rev06 del 01/01/2022



TEST REPORT

N. **4113121/E**

date: 08/09/2022

DESCRIPTION:

article: "**Protection Wear short tights plus AMP unisex**" (47230-5910);

(base model)

design: shorts;

external shell:

external coating:

- black stretch knitting (CEYLON) **(1)**;

- black stretch mesh (SOLE MESH) **(2)**;

- black elastic knitting with black polymeric point coating (ELASTIC TIMELY NERO + COVER 65MM) **(3)**;

- black elastic waistband (ELASTIC SOFT 5CM) **(4)**;

protector inserted: article "SC-1/KCAir" by SAS-TEC;

padding: anthracite foam PU;

internal coating (in contact with the body):

seat pad **(5)**: dark green knitting matched internally with grey foam material and white foam material in the central area;

fastening system: absent.

article: "**Protection Wear short tights AMP unisex**" (47230-5912);

This article differs from the base model in the absence of seat pad only.

Groups of materials tested for Azo-dyes content:

a) 1 + 2 + 3;

b) 4 + 5.

Groups of materials tested for Phtalates content:

c) 3 + 5.

Materials tested for PAHs content:

- material 3.



TEST REPORT

N. 4113121/E

date: 08/09/2022

References	Tests	Measuring unit	Requirements	Results
EN 1621-1:2012	Motorcyclists' limb joint impact protectors			
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)	"H" Type B "H" Type B
5.2 5.2.1	Innocuousness			
EN ISO 13688:2013+ A1:2021 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	Material 1 7,4 2 7,2 3 6,6 4 6,7 5 7,0
4.2 d ISO 14362-1:2017# textile	Azo colorants content	mg/kg	absent (< 30 mg/kg)	Groups of materials: a, b Pass
				Materials: 1 2 3
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	Grey scale 5=good, 1=bad.	≥ 4 ≥ 4 ≥ 4 ≥ 4 ≥ 4 ≥ 4	4/5 4/5 5 4/5 4/5 5 4/5 4/5 4/5 4/5 4/5 4/5 4/5 4/5 4/5 4/5 4/5 4/5



TEST REPORT

N. 4113121/E

date: 08/09/2022

References	Tests	Measuring unit	Requirements	Results
				Materials: 4 5
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	Grey scale 5=good, 1=bad.	≥ 4 ≥ 4 ≥ 4 ≥ 4 ≥ 4 ≥ 4	5 4/5 5 4/5 5 4/5 5 4/5 5 5 5 4/5
5.5	Ergonomic features			
6.4	Absence of any sharp edges and/or other design features that may cause any inconvenience to the user		yes	Pass
6.5	Tests:		yes	Pass
	Innocuousness, additional chemical tests			
EN ISO 14389:2014#	Phthalates	mg/kg	< 1000 mg/kg (Sum of phthalates listed in REACH Annex XVII Entry 51)	Group of materials: c Pass
ISO/TS 16190:2021#	Polycyclic aromatic hydrocarbons (PAH's)	mg/kg	< 1 mg/kg (of any PAH listed in REACH Annex XVII Entry 50)	Material: 3 Pass

- End of the Test Report -