



EU Type Examination Certificate

Date: 2022/05/16

n. **549222001/OE**

Validity: 2027/05/15

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: **ATLAS BRACE TECHNOLOGIES INC.**
(Responsible of the PPE) #107 - 19155 38th Avenue, Surrey – British Columbia V3Z 0Y6 - CANADA.

Type of PPE: **Neck protector for use by motorcyclists.**

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 **"TYKE"= AT4-00/01/02/07/18-000**
5 colourways (*)

Description: Description of color **BLACK** with white / light grey graphics :

**2022-23 COLLECTION
BLACK**



plastic frame, front and rear part: declared black "Hi Impact PP" with white and light grey graphics and marked "ATLAS" in white color;
release system: declared POM/6061 T6 Aluminum with a red button marked "Push to open Atlas Easy Open System" under in the front part and red sticker marked "WARNING PUSH BUTTON TO OPEN" color white above in the front part;
foam padding: declared EVA/rubber foam color black;
rear tether: declared NBR/aluminum steel braided wire;
axles: declared 6061 T6 Aluminum;
threaded insert: declared stainless steel;
chest support bolts: declared 6061 T6 Aluminum;
chest strap: declared elastic/TPR/Nylon color black **(1)** with a light grey plastic material;
graphics: declared Water Decal.

(*) COLOR VARIANTS: differences limited to the color of the:
- Hi Impact PP: **WHITE / RED / DARK GREY/ AQUA +** decals color combos -

Full DESCRIPTION/ PICTURES of ALL VARIANTS at page 3.

Technical Standard: **me-int 088** Based on partial application of: EN 13688:2013 + EN 1621-2:2014 (neck-brace).

Intended use: Neck brace for children, for motorcycling and bicycling off-road use (downhill, MTB etc.). To offer the best possible protection, this neck-brace must always be properly fitted and tightened, and implemented by suitable additional motorcycling equipments (in particular, only in conjunction with a compatible full-face helmet).

Size range:

sizes	Chest-girth
One size - KIDS	61-71 cm

Technical File: **DC-14619**

Test report: **RCT n°4110718/E**





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Functions and performance levels:

To reduce the severity of traumas caused by some impacts, the protectors provide limited protection against mechanical impact and flexion injuries, in case of falls:

Typical test results (also see Test Report)

Method: "Kerbstone" impact testing at 50J with ref. to EN 1621-2 requirements (analogous method) - Obtained values of transmitted force (MAX – requirement: ≤ 18):
Right side: **14.2 kN** (peak value – higher among colors)
Left side: **13.2 kN** (peak value – higher among colors)

All other test (among which: impact resistance of the quick release system, resistance to impact at 70°C/4 h, tensile strength, ergonomics, information sheet): **PASS.**

NOTE: The protective functions also depend on the correct positioning/adjusting of the protector (in particular on a correct connection with the other protective devices, such as chest/back protectors and helmet) which is not part of this assessment.

Marking:

printed on indelible + not-removable stickers and on labels affixed to the visible face of the lining – used in conjunction they convey the following information:

(see example hereunder)

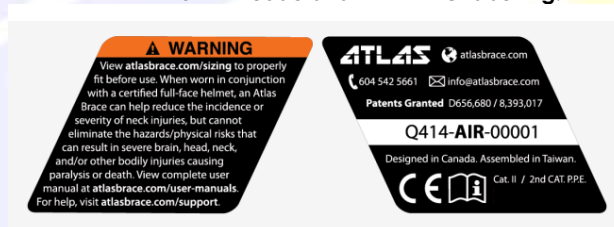
- **CE Marking;**
- Trademark and Logo of the Manufacturer;
- Univocal designation of the P.P.E. article name (each variant has an article code starting with the indication of the Quarter + Year of the production + code of the "family" or series of article + code referring to the colorway)
- indication of the main material components;
- WARNING! Label for the EMERGENCY REMOVAL and other useful infos (contacts etc);
- "I in the leaflet" pictogram to indicate the presence of an Information Notice.

CE-labelling composition on different parts of the Brace:

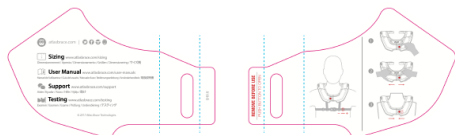
CHEST SIZE					
BROLL	TYKE	PRODIGY	AIR SM	AIR MD	AIR LG
21-25" (53-63cm)	24-28" (61-71cm)	29-33" (74-84cm)	33-36" (84-92cm)	37-41" (94-104cm)	42" (104cm+)

DESIGNED IN CANADA ASSEMBLED IN TAIWAN
WWW.ATLASBRACE.COM/SIZING
TM & © ATLAS BRACE TECHNOLOGIES, INC

EXAMPLE for PPE-code and WARNING labelling:



EMERGENCY REMOVAL indicators:



5 colorways:



- | | | |
|---|---|---|
| <p>"Black"
AT4-01-000
AY4-01-000
AL4-01-000
AL4-01-010
AL4-01-020</p> | <p>"White"
AT4-00-000
AY4-00-000
AL4-00-000
AL4-00-010
AL4-00-020</p> | <p>"Dark Grey"
AT4-07-000
AY4-07-000
AL4-07-000
AL4-07-010
AL4-07-020</p> |
|---|---|---|





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**Pictures from RCT Lab:
WHITE – FRONT**

SIDE

REAR



AQUA – FRONT

SIDE

REAR



DARK GREY – FRONT

SIDE

REAR



RED – FRONT

SIDE

REAR



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).

