

## PANDO QUATROFLEX BACK ARMOR

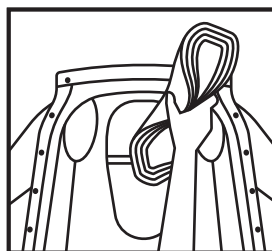
This is a multilayer back protector that has optimal shock absorption without compromising comfort, ventilation, and flexibility. In case of a fall or a collision, the MEMORY FOAM layers flow individually, distributing the shock and limiting the transmitted energy to the spine and to the whole area of the back.

The Pando Quatroflex back armor is made of a highly impact-resistant mixture of Nitrite and Polynorborene rubber that ends up in a memory foam that is multi-impact rated and CE certified to the highest level (EN 1621-2:2003 - level 2). In the case of severe impact the individual Memory foam layers will shift relative to one another, resulting in impact dispersion over a larger effective surface area, and therefore minimizing the energy that is transmitted to the spine and back.

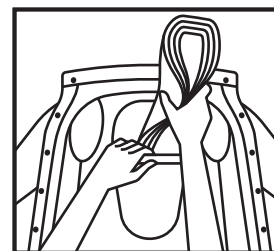
- Designed to be positioned inside the back pocket of any PANDO MOTO jacket or upper part protective gear.
- Optimal measurements perfectly fit for all size sets, with a length from 44 cm (17.32 in) and width 22 cm (8.66 in).
- CE approved, type of protection CB (central back protection)-certified according to EN1621-2:2014 standard, with the highest protection capacity: level 2

Standard	Cinetic impact energy	Level	Performance metrics	Actual performance
EN1621-2:2014	50J	1	Value of impact shall not exceed 18kN. For single impact shall not exceed 24kN	In normal conditions: 4,94 kN
EN1621-2:2014	50J	2	Value of impact shall not exceed 9kN. For single impact shall not exceed 12kN	In wet conditions: 5,38 kN

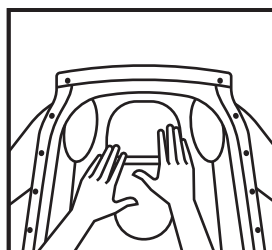
## INSTRUCTION



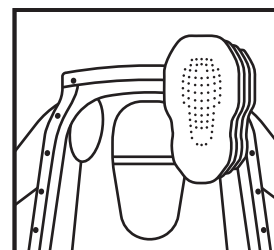
Fold the armor gently in order to fit it into its pocket.



Insert the folded armor into the open velcro closure of the back armor pocket. The armor should fill out the entire pocket.

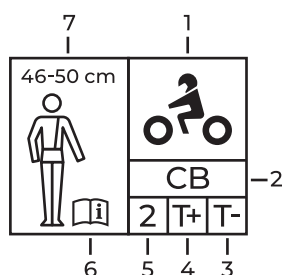


Close the pocket securely with the velcro after inserting the Pando Quatroflex back armor.



Make sure the back protector is oriented with its widest sheet of foam placed closest to the wearer's body.

## CE PRODUCT MARKING (EXAMPLE)



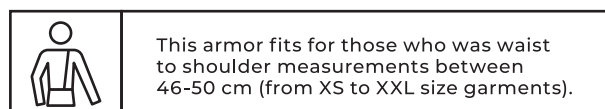
**CE**  
European conformity mark

**EN 1621-2:2014**  
Reference standard

- 1 Protective equipment for motorcyclists
- 2 CB=central back / FB=full back / LB=lower back
- 3 Low temperature impact test passed \*
- 4 High temperature impact test passed \*
- 5 Performance level
- 6 Read the instructions before use
- 7 waist to shoulder measurement

\* 3 and 4 are optional tests: if this place is vacant the test is not claimed

## SIZES



## USER INFORMATION AND INSTRUCTIONS

Pando Moto back armor have been developed as a protective back armor for motorcycle drivers and have been tested according to the requirements of the EN 1621-2:2014 European standard. This armor is designed to provide some protection against injury caused by impacts with the ground or road surface in motorcycle accidents. Injuries from impacts with objects such as large rocks, trees or other vehicles may be slightly reduced. No amount of impact protection at any level will guarantee stop all injuries but the principle is to create a product that will help to mitigate the risk of injury to the area protected.

PANDO QUATROFLEX back armor is considered PPE (Personal Protective Equipment) pursuant to Regulation 2016/425 of the European Parliament and the EU Council, and as such a CE type examination has been conducted on this item by Occupational Safety Research Institute, v.v.i., notified body n. 1024

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On impact, Pando Moto spine armor transmitted less power than 9 kN on average, reaching the protection level "2", currently corresponding to the highest potentially achievable level of protection against spine injuries pursuant to EN 1621-2:2014.

**Note:** PANDO QUATROFLEX back armor is designed to protect spine area from waist to shoulder blades only.

The product is produced from non-toxic materials only of EU origin.

## MAINTENANCE, CLEANING AND STORAGE

The armor do not require any special maintenance for storage, however their shape should be permanently maintained and they should be stored in a dry place at a normal room temperature. Extreme climatic conditions should be avoided.

The armor should be cleaned with a damp cloth and dried off with a cloth, do not use any solvents and keep the protectors away from any heat sources.

Maintenance – at least once a year regular inspection should be made to the impact protection and fitting for obvious signs of wear or tear. If either is found the armor should be returned to professional inspection and repair or discarded. If the impact armor is worn or damaged or there is any doubt as to their condition they should be replaced immediately. It is advised that the protectors are replaced every 5 years regardless of conditions. If the protectors have at any time received an impact they should be replaced immediately.

Supplier:

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info@pandomoto.com

## USER INFORMATION AND INSTRUCTIONS

Use the back armor only for the purpose intended. Defects such as tears or holes or damage following an accident may compromise the protective function. It is absolutely essential to replace damaged armor. Prudence should be called for when doing extreme sports as even the best back protectors cannot guarantee complete protection from injury.

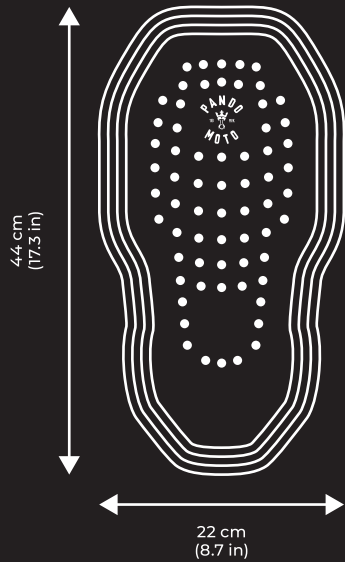
The Pando Moto back armor minimizes the degree of injury and consequently offers a level 2 of protection from a lot of back injuries. However, it does not offer a general protection from fractures. Nor can it offer a 100% protection from spinal injuries.

This armor will not protect you against: severe bleeding, crushing and torsional forces particularly those which occur when rider is trapped between a motorcycle and vehicle or the road; massive penetration injuries; high energy impacts, severe bending forces; spinal injury from high energy impact or twist.

Pando Moto, Ltd. disclaims any responsibility for damages / consequences deriving from disuse, fitting the protectors in unsuitable items.

Pando Moto, Ltd. disclaims any responsibility for injuries incurred while wearing any of its products.

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## PANDO QUATROFLEX BACK ARMOR



CE LEVEL 2  
ARMOR



LIGHTWEIGHT



SHOCK ABSORBING  
4-LAYERS



FLEXIBLE



AIRFLOW  
TECHNOLOGY

IMPORTANT INFORMATION

NOT TO BE REMOVED EXCEPT BY CONSUMER