

EU Type Examination Certificate

Date: 2018/04/20

n. **774181601/OE**

Validity:
from 2018/04/21 to 2023/04/20

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)	WOLK B.V. WTC The Hague, Torenc – Prinses Beatrixlaan 582 – Den Haag THE NETHERLANDS
Type of PPE:	Hip / femoral head inflatable protector for daily activities for elder people (no work – no sports' use)
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	"Wolk 1.0"
Description:	<p>It includes two pockets that can be filled by gas in order to protect the interested areas in case both sensors and central processing unit detect an abnormal position of the user, such as a sudden lateral fall.</p> <p>The device includes two pockets made of polymeric fabric fixed on a support band, which serves as belt for fixing the device to the user's waist. The support band includes a supply battery, a CPU and a series of sensors (as gyroscope, accelerometer, magnetometer) useful to evaluate both the belt's position on the user and the user's position with respect of its standing position.</p> <p>The fastening/adjustment system of the belt is made of three horizontal hook & loop fasteners. The central one is conductive and permits the electrical contact recognizing the correct positioning of the belt on the user and the consequent activation of the device.</p> <p>The belt is provided with two pyro-mechanical trigger systems and two non-refillable CO₂ cartridges, which guarantee the inflation of the pockets in case of need. If the sensors can not recognize on which side the user is about to fall, the CPU will activate both airbags.</p> <p>The device is made of two external black materials, a coated fabric composing the pocket bags (1) and a black stretch fleece jersey (2) used as supporting structure of the pockets. The device is available also in grey color (grey coated fabric (3) for the pockets and grey jersey (4) for the supporting system).</p>
Technical Standard:	RCT internal method – essential Health & Safety requirements of the Regulation (EU) 2016/425.
Intended use:	To be worn by seniors in daily activities to protect hip area from impacts (NO sport use).
Size range:	Commercial sizes S – L (adjustable straps – raisers).
Technical File:	DC-9037
Test report:	RCT n°365013/E



(for other pictures see page 2)



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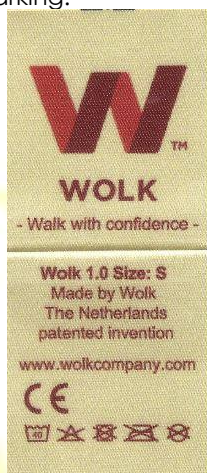
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Functions and performance levels:

The device got a PASS level to different tests in conformity with the basic Health & Safety requirements of the EU-Regulation 2016/425 for PPE (Annex II) following a RCT internal method including partial / limited application of EN 1621-4 - EN 340 (analogous method) checking among others: ergonomics, innocuousness (azodyes content etc), impact attenuation.

Marking:



on a stitched label and displaying the following information:

- **CE Marking;**
- Name of the Manufacturer / TradeMark logo;
- designation of the PPE item (article name: unique/unambiguous);
- "Made in";
- commercial size;
- web site;
- care & washing symbols : The manufacturer declares the device to be washable at 40°C.



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).