

thermoshoe di Baldin Michele e Francesco s.n.c.
Via Parenzo, 2 – 35010 Vigonza PD – Italy
Tel. +39 049 629137 - office@thermoshoe.it
www.sunshoes.it



INFORMATION NOTE
PRODUCT AWP SAFETY PLUS
Information note no. 006 rev.
2 of 22/03/2023

TO DOWNLOAD THE DOCUMENTATION REGARDING THIS PRODUCT, SUCH AS DECLARATIONS OF CONFORMITY AND LATEX FREE DECLARATIONS, PLEASE VISIT OUR WEBSITE: <http://www.sunshoes.it/download>

THIS PRODUCT CANNOT BE STERILISED IN AUTOCLAVE

WASH AT MAX. 50° C.



READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THIS PPE


Keep this note throughout the life of the Personal Protective Equipment (PPE), carefully observing its contents. If after reading this note, you have any doubts regarding the level of protection offered by this footwear, or its use and maintenance, please contact the safety officer before use. In case of further needs and for any other information, please contact the manufacturer.

This Personal Protective Equipment has been designed and manufactured to protect against one or more risks that could endanger health and safety. It's personal, and its intended use must not be altered.

PPE subjected to EU type examination (Module B) by the Notified Body A.N.C.I. Servizi srl - CIMAC Via Aguzzafame, 60/b - 27029 Vigevano PV - No. 0465

MODEL: AWP SAFETY PLUS

CATEGORY: II - CLASS: II

MEANING OF THE  MARKING: It guarantees the free trade of products and goods within the European Union. The CE marking on the product means that the PPE meets the essential health and safety requirements prescribed by EU Regulation 2016/425.

USE: The PPE covered by this information note complies with the specifications contained in the European standards shown in the marking and is suitable for the uses mentioned below. It is NOT suitable for any of the uses that are not mentioned.

REFERENCE STANDARD: EN ISO 20345:2022 - Work footwear incorporating features to protect the wearer from injuries that could result from accidents. This footwear has safety toe caps to guarantee the protection of toes from impact (200 J) and compression (15 kN).



SECURITY CATEGORY:

S4 - Basic requirements + closed heel area + antistatic properties + energy absorption at the heel area.

SR - Extra slip resistance ceramic + glycerin.

GENERAL WARNINGS

The footwear only offers protection for the part of the body actually covered.

The indicated occupational characteristics are only guaranteed if the footwear is of an appropriate size, correctly worn, and in perfect condition. The company accepts no liability for any damage or consequences resulting from improper use, or if the certified configuration of the equipment has been modified in any way whatsoever. If the indications in the information note are not followed, the PPE will lose both its technical and legal effectiveness.

EVALUATION OF THE FOOTWEAR BY THE USER

General considerations

All footwear must be inspected regularly before use. The obsolescence date must not be exceeded. The lifespan of the footwear depends on the duration and intensity of use, storage, cleaning and maintenance. The following activities and drawings are provided, for a correct evaluation of the performance of the safety footwear.

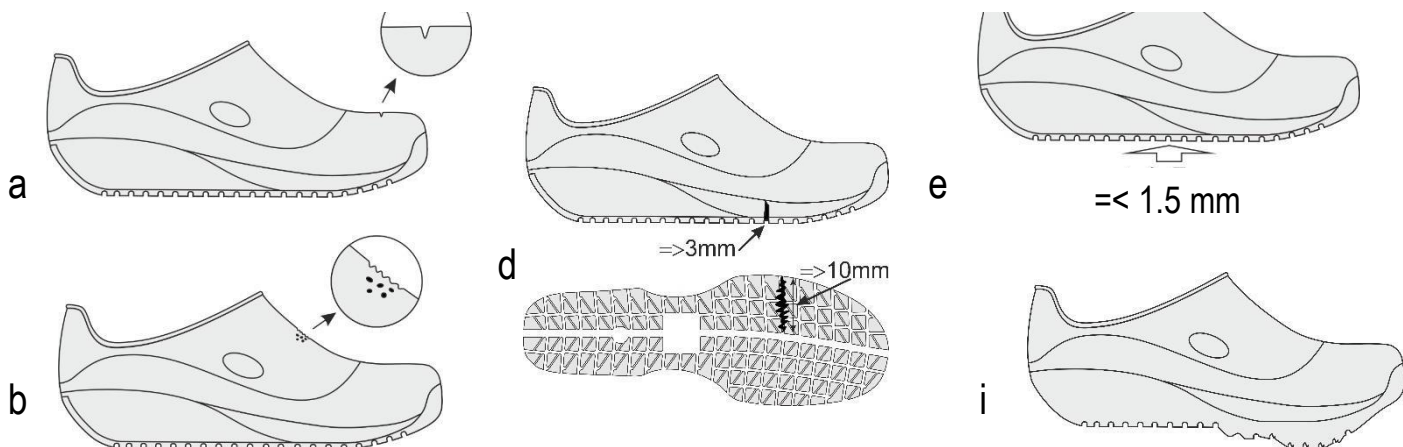
Criteria for assessing the condition of the footwear

The footwear must be replaced when any of the signs of wear and tear identified below are found:

- Beginning of pronounced and deep cracks affecting half the thickness of the upper material (Figure a);
- Severe abrasion of the upper material (Figure b);
- Sole showing cracks over 10 mm long and 3 mm deep (Figure d);
- For soles with relief, height of relief of less than 1.5 mm (Figure e);
- Original insole(s) (if present) showing pronounced deformation and crushing;
- Pronounced deformation of the sole due to heat exposure, causing one of the following (Figure i);
 - fusion of 2 or more reliefs due to the melting of material;
 - decrease in height of any relief, to less than 1.5 mm;



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SLIP RESISTANCE

The footwear meets the requirements of the harmonized EN ISO 20345:2022 standard for sole slip resistance. New footwear may initially have a lower slip resistance than indicated by the test result. The slip resistance of the footwear can also change depending on the state of wear of the sole. Meeting the specifications does not guarantee that slipping will be prevented in all conditions. The slip resistance of the footwear was tested under laboratory conditions. Additional tests by the user at the conditions of the workplace may provide additional information. Field testing of the footwear to assess suitability for work is recommended.

No footwear can provide complete safety in particularly demanding conditions, such as cooking or mineral oil spills. In these conditions, non-slip footwear can only reduce the risk. In these circumstances, the only solution is often to prevent contamination in the first place, or to promptly clean up any oil spills.

These shoes meet the following mandatory requirements for slip resistance on a ceramic surface wet with water and detergent (NaLS):

TEST CONDITIONS	FRICITION COEFFICIENT
Condition A (7° forward inclined heel slip)	≥0.31
Condition B (7° backward inclined tip slip)	≥0.36

These shoes also meet the optional slip resistance requirements on a glycerin-coated ceramic surface:

TEST CONDITIONS	FRICITION COEFFICIENT
Condition C (7° forward inclined heel slip)	≥0.19
Condition D (7° backward inclined tip slip)	≥0.22



INFORMATION FOR ANTISTATIC FOOTWEAR

Use anti-static footwear if it is necessary to minimize the build-up of electrostatic charges by dissipating them, therefore avoiding the risk of sparks - for example when using flammable substances and vapours -, and if it is not possible to completely eliminate the risk of electric shock from mains-voltage powered equipment from the workplace. Anti-static footwear introduces resistance between the foot and the ground but cannot offer complete protection. Anti-static footwear is not suitable for working on live electrical installations. It should be noted that antistatic footwear cannot provide adequate protection against electric shocks from a static discharge, as it only introduces resistance between the foot and the floor. If the risk of electrostatic discharge has not been completely eliminated, additional measures must be taken to avoid this risk. These measures, as well as the additional tests mentioned below, should be an essential part of the occupational accident prevention programme. Anti-static footwear does not provide protection against electric shocks caused by AC or DC voltages. If there is a risk of being exposed to AC or DC voltage, use electrically insulating footwear. The electrical resistance of antistatic footwear can be significantly modified by bending, contamination or moisture. This footwear may not perform its intended function if worn in wet conditions. Class I footwear can absorb moisture and can become conductive if worn for prolonged periods in damp and wet conditions.

Class II footwear is resistant to wet and damp conditions and should be used if there is a risk of exposure. If the footwear is worn in situations where the sole material can become contaminated, the wearer should always check the antistatic properties of the footwear before entering a hazardous area. When using antistatic footwear, the electrical resistance of the flooring should be such that it does not invalidate the protection provided by the footwear. Wearing antistatic socks is also recommended. Therefore, it is necessary to ensure that the footwear combination is able to fulfil its designed function of dissipating electrostatic charges and providing some protection throughout its life. The user should set up an internal test to confirm the level of electrical resistance, to be carried out at regular and frequent intervals.

INSOLE

This footwear is supplied without insole fitted. All the tests have been carried out without the removable insole.

ESD PRODUCTS

The abbreviation 'ESD' does not relate EU Regulation 2016/425. It is an additional characteristic unrelated to the essential health and safety requirements of the PPE.

The 'ESD' marking identifies footwear that, after conditioning, has demonstrated electrical resistance characteristics that make it suitable for all work in explosive environments and in the presence of electronically controlled machines: operating theatres, reanimation rooms, electronic plants, chemical plants, clean rooms. A daily check is required when working in 'ESD' environments, which includes the user also wearing socks in addition to the footwear.

PRODUCT CARE AND MAINTENANCE

Store away from light and moisture. This footwear can be machine-washed (separately from other garments), with soap or neutral detergents, at 50° C. During the cleaning activities, do not use substances such as alcohol, methyl ethyl ketone, thinners, petrol, petroleum or any other type of chemical cleaning agents. Such substances could damage the materials, causing weakening that is not visible to the user and impairing the original protective characteristics.

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SERVICE LIFE AND STORAGE OF FOOTWEAR

Due to numerous factors (temperature, humidity, etc.), it is not possible to define with certainty the duration of use of the footwear.

In general, for E.V.A. footwear the maximum storage life is 10 years from the date of production indicated on the footwear (month and year). To avoid any risks of deterioration, this footwear should be transported and stored in the original packaging, in dry and not excessively hot places. The actual lifetime of the footwear depends on the type, the working environment, temperature of use, and maintenance.

DISPOSAL

This footwear is made without using toxic or harmful materials.

It can be considered non-hazardous industrial waste and is identified by European Waste Code (EWC): 07.02.99

MARKING

INFORMATION	MARKING ON FOOTWEAR BOTTOM
Manufacturer Name	Thermoshoe s.n.c.
Manufacturer Address	Via Parenzo, 2 - 35010 Vigonza PD - Italy
Product Name	AWP SAFETY PLUS
Size	AS PRINTED ON FOOTWEAR (Ex. 41)
CE Marking	CE
Year and month of manufacture	AS PRINTED ON FOOTWEAR
Reference standard	EN ISO 20345:2022
Security Requirements	S4 SR