

Technical requirements

(Information for Users)

Product: Safety footwear
type: 2285-S1P ESD

Manufacturer/Distributor: VM Footwear s.r.o. Veselská 1935, 696 62 Strážnice (CZ)
ID:26886227 VAT ID:CZ26886227

Purpose:

The product belongs to the category of personal protective equipment whose basic function is to protect feet against injury that may happen during accidents in those working areas they are designed for. This is footwear manufactured according to ČSN ISO 20345:2012 (EN ISO 20345:2011).

Design:

Microfibre footwear, PU/PU double injection, unisex, low cut, laces, lasts width H.

Sizes: 36-48

Technical data - material composition:

Part of footwear	Materials
Upper	Poromeric Microfibre
Toe cap	Plastic toe cap
Lining in wamp part	Poromeric Microfibre
Lining in back part and tongue	Non-woven textile
Tongue	Poromeric Microfibre
Sewing-on insole	Non-woven stiffened textile
Insertion socks (inner insole)	lightweight black plastics with textile covering, antistatic stitching
Shoe sole	PU/PU

Acts, standards, regulations:

ČSN ISO 20345:2012 (EN ISO 20345:2011): Personal protective equipment – Safety footwear

REGULATION (EU) 2016/425 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

ČSN EN 61340-5-1:2017, ed. 3 - Protection of electronic devices from electrostatic phenomena - General requirements

Basic category of working and safety footwear:

classification of footwear according to	the level of protection	working footwear	category			
			OB ¹	O1	O2	O3
EN ISO 20347+A1		working footwear	OB ¹	O1	O2	O3
EN ISO 20345+A1		safety footwear	SB	S1	S2	S3
symbol	covered risks					
	basic requirements		x	x	x	x
	closed heel part		o	x	x	x
E	energy absorption in heel part		o	x	x	x
A	antistatic properties		o	x	x	x
WRU	upper footwear resistance against penetration and absorption of water		o	o	x	x
P	shoe bottom protection against perforation		o	o	o	x
	patterned shoe sole		o	o	o	x
CI	shoe sole complex insulation against cold		o	o	o	o
HI	shoe sole complex insulation against warmth		o	o	o	o
HRO	shoe sole resistance against contact warmth 300 degree		o	o	o	o
WR	footwear resistance against water		o	o	o	o
FO	shoe sole resistance against fuels /for working footwear only/		o	o	o	o
M	instep protection /for safety footwear only/		o	o	o	o
SRA	anti-slippage resistance ²		x	x	x	x
SRB			x	x	x	x
SRC			x	x	x	x

¹⁾ for marking OB it is necessary to meet one more requirement for complete footwear E,A,P,HI,CI,WR

²⁾ at least 1 requirement must be satisfied

x – required

o – not required

Marking:

labels on lining according to ČSN EN 20345

- size
- identification mark of the manufacturer: VM

- marking of type, model: 2285
- year / quarter of production
- ČSN ISO 20345:2012 (EN ISO 20345:2011)
- symbols of protection function: S1P ESD

Description of control and testing equipment used during production:

- length quantity measuring: tape measure, wooden rule
- weight measuring: trading scales

Information for Users:

The footwear may be used exclusively pursuant to the above mentioned purpose. In case of damage of the footwear (*wearing out, excessive thinning of material, cracking the shoe sole, undoing the sews, etc.*) level of protection is lowered and the product is not meeting legal and technical regulations. Protection properties are permanent only when regularly maintained. It is necessary to consider that leather can partly allow moisture in case of excessive sweating or dampening of the upper part by rain. Care for your footwear regularly by quality cleaning and impregnating means. You may considerably extend its lifetime. Protect your footwear against strong wetting which causes damage to the inner sole. Guarantees are valid for footwear in good condition; in case that the footwear is used in environment it was not designed for according to this information sheet, we cannot be responsible for potential damage. If you want your footwear to serve you best, please read the following information carefully.

"Antistatic footwear should be used where it is necessary to minimize the accumulation of static electricity, by removing electrostatic charge to avoid any risk of ignition spark, for example: flammable substances and vapors, if is not completely eliminated the risk of electric shock from electrical equipment or components under power. It should be noted that antistatic shoes cannot provide sufficient protection against electric shock because it only creates resistance between the ground and the foot. If the risk of electric shock cannot be completely ruled out, an additional measures is necessary to avert that risk. These measures and other tests listed below should be a normal part of the program of prevention of occupational accidents. Experience has shown that for antistatic purposes, is necessary to have the product throughout the effective life of the interconnecting electrical resistance of less than 1000 MΩ. The 100 kΩ is defined as the lowest limit of the electrical resistance of a new product that provides limited protection against the risk of electric shock or fire from a fault in the electrical equipment that is under voltage up to 250 V. However, users should be aware, under certain conditions, shoes may not provide sufficient protection, and that is why users should constantly carry out additional security measures to protect the user. The electrical resistance of this type of footwear can be greatly change due to bending, contamination or moisture. These shoes in wet environment may not meet the desired function. It is therefore necessary to ensure that the product fulfills the function of dissipation of electrostatic charge and provide protection for the lifetime. It is recommended to do the self-testing of electrical resistance at regular intervals. If the footwear of the class I. is used longer and can absorb moisture in a wet environment, can become conductive. If the footwear is used in conditions where there is contamination of the material of the sole, users should check the electrical properties of footwear always before entering the danger zone. In place where the antistatic shoes is used, resistance of the floor should be the such that the protective function of the shoe was not canceled. When using the shoe, should not be between the tension insole and the sole of the user any insulating components. In the case that between the insole and the sole is put insert, should be checked the electrical properties of the combination footwear / insert. "

Storage:

in clean, dry and air ventilated environment, between 10 - 30 °C, without contamination of wet, dirt, mildew, or other agents lowering its level of protection.

Way of maintenance:

Natural suede and velour leather rid of dirt with a soft brush or damp cloth. In the case of footwear soaked dried at room temperature in the ventilated room, far from the heat source. Dry shoes treat by impregnation spray or cleaning spray, do not use any of cream or oil finish. Before using the footwear check its good state, e.g.. - function of closures

- shoe sole profile
- or other damage

Liquidation: in accordance to the effective legislation

Accessories: the product is delivered without accessories

Notified body performing conformity assessment: Notified Body No. 1023, Institut pro testování a certifikaci, a. s. (Testing and Certification Institute, Inc.), Třída T. Bati 299, 764 21 Zlín, the Czech Republic

In Strážnice 16. 12. 2019

signature, stamp



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