



<b>Prod. Ref.</b>	73082-002
<b>Safety cat.</b>	S1 P SRC
<b>Range of sizes</b>	35 - 48 (2 - 13)
<b>Weight (sz. 8)</b>	590 g
<b>Shape</b>	A
<b>Width</b>	11

**Description:** Grey TEXPET, 100% PET ecological fabric shoe, **SANY-DRY**<sup>®</sup> lining, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**, even with a 3 mm diameter nail

**Plus:** Jacquard fabric upper produced with **100% PET** yarns that meet the requirements of the Global Recycle Standard (GRS). Hot Melt lamination is a latest generation technology that provides the most innovative response for textile lamination in terms of efficiency and respect for the environment. The complete absence of solvent makes it an eco-friendly process. Internal support produced with 100% PET polyester fibers, equipped to provide the right thickness and support required in footwear production. Polyurethane/TPU sole with **POLY-GREEN** insert, a material made of virgin and recycled polyurethane properly measured and mixed, in order to guarantee a perfect proportion between impact energy absorption and support. **ECO-TECH**, **POLY-GREEN** footbed, anatomic, antistatic, holed, scented, soft and comfortable. The upper layer is made of antibacterial fabric absorbs moisture and keeps the foot always dry. Laces and tongue labels are made of **100% recycled yarns** deriving from plastic bottles. **100% recycled paper** and carton packaging. **Leather toe cap protection**

**Suggested uses:** Warehouses, transportation sector, industries

**Care and maintenance:** Clean after each use and dry off away from direct heat. Avoid contact with aggressive chemicals or extreme temperature. Avoid immersion in sea water, lime water or cement mixed with water

## MATERIALS / ACCESSORIES

## SAFETY TECHNICAL SPECIFICATIONS

		Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement
<b>Complete shoe</b>	<b>Toe cap:</b> ALUMINIUM made, ultra light, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	<b>15,5</b>	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	<b>15</b>	≥ 14
	<b>Anti perforation midsole:</b> in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	6.2.1	Penetration resistance	N	<b>To 1100 N</b>	≥ 1100
					<b>No perforation</b>	
	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	<b>72,4</b>	≥ 0.1
			- dry	MΩ	<b>231</b>	≤ 1000
	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	<b>32</b>	≥ 20
<b>Upper</b>	TEXPET, 100% PET ecological fabric, colour grey	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 1,4</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 18,2</b>	> 15
<b>Vamp</b>	Textile, breathable, abrasion resistant, colour black	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 6,3</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 51,1</b>	≥ 20
<b>Quarter</b>	SANY-DRY <sup>®</sup> , breathable, antibacterial, abrasion resistant, colour orange and black	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 10,3</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 82,8</b>	≥ 20
<b>lining</b>	Thickness 1,2 mm	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>65</b>	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	<b>1,5</b>	≤ 4
<b>Quarter</b>	thickness 1,2 mm	5.8.5	Interlayer bond strength	N/mm	<b>4,5</b>	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>10</b>	≤ 12
<b>Sole</b>	Antistatic Polyurethane/TPU directly injected in the upper:	5.3.5	SRA : ceramic + detergent solution – flat		<b>0,48</b>	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		<b>0,36</b>	≥ 0,28
			SRB : steel + glycerol – flat		<b>0,22</b>	≥ 0,18
			SRB : steel + glycerol – heel (contact angle 7°)		<b>0,16</b>	≥ 0,13
	Adherence coefficient of the sole	5.3.5				