



<b>Prod. Ref.</b>	78480-N00
<b>Safety cat.</b>	O1 FO SR
<b>Range of sizes</b>	36 - 48 (3 - 13)
<b>Weight (sz. 8)</b>	410 g
<b>Shape</b>	A
<b>Width</b>	11

**Description:** Blue highly breathable **BREATEX** fabric with 3D texture and **MICROTECH** shoe, **SANY-DRY**<sup>®</sup> lining, antistatic, anti-shock, slipping resistant

**Plus:** **100% METAL FREE. FOOT-PAD** footbed, extremely soft and comfortable footbed. Thanks to the very low density polyurethane, the footbed is self-molding granting a right distribution of the body weight and providing an immediate feeling of comfort. High shock absorption is provided from highly resilient material and a perfect cushion in the central area of the heel. Perfumed sole. Leather toe cap protection.

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

**Care and maintenance:** Clean after each use and dry off away from direct heat; treat the leather with a suitable shoe-polish. 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 20347:2022	Description	Unit	Cofra result	Requirement
<b>Complete shoe</b>	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	<b>66</b>	≥ 0.1
			- dry	MΩ	<b>169</b>	≤ 1000
	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	<b>26</b>	≥ 20
<b>Upper</b>	<b>BREATEX</b> , 3D texture, highly breathable, abrasion resistant, colour blue	<b>5.4.6</b>	<b>Water vapour permeability</b>	<b>mg/cmq h</b>	<b>&gt; 154,2</b>	<b>≥ 0,8</b>
			<b>Permeability coefficient</b>	<b>mg/cmq</b>	<b>&gt; 1234</b>	<b>&gt; 20</b>
		<b>5.4.3</b>	<b>Tear resistance</b>	<b>N</b>	<b>88,4</b>	<b>≥ 60</b>
			<b>Abrasion resistance</b>	<b>Cycle</b>	<b>&gt; 100.000</b>	
<b>Upper</b>	Blue breathable <b>MICROTECH</b> thickness 1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 2.6</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 22.2</b>	≥ 15
<b>Vamp</b>	Textile, breathable, abrasion resistant, colour black	5.5.4	Water vapour permeability	mg/cmq h	<b>&gt; 84,7</b>	≥ 2
<b>lining</b>	Thickness 1,2 mm		Permeability coefficient	mg/cmq	<b>&gt; 677,4</b>	≥ 20
<b>Quarter</b>	<b>SANY-DRY</b> <sup>®</sup> , breathable, abrasion resistant, colour yellow	5.5.4	Water vapour permeability	mg/cmq h	<b>&gt; 64,4</b>	≥ 2
<b>lining</b>	thickness 1,2 mm		Permeability coefficient	mg/cmq	<b>&gt; 515,4</b>	≥ 20
<b>Insole</b>	Antistatic, absorbent, abrasion and flaking resistant..	5.7.4.1	Abrasion resistance	cycle	<b>&gt; 400</b>	≥ 400
<b>Sole</b>	Antistatic Polyurethane/TPU <b>made of recycled rubber granules</b> , directly injected in the upper:	5.8.4	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>110</b>	≤ 150
	Outsole: ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.	5.8.5	Flexing resistance (cut increase)	mm	<b>2,4</b>	≤ 4
	Midsole: blue polyurethane, low density, comfortable and anti-shock.	5.8.7	Interlayer bond strength	N/mm	<b>3,5</b>	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>2,3</b>	≤ 12
	Adherence coefficient of the sole (Slip resistance)	5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		<b>0,61</b>	≥ 0,36
			ceramic + detergent solution – heel (contact angle 7°)		<b>0,48</b>	≥ 0,31
		6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		<b>0,24</b>	≥ 0,22
			SR : ceramic + glycerol – heel (contact angle 7°)		<b>0,46</b>	≥ 0,19