

# 314/9 Murgia S3 ESD SRC

EN ISO 20345:2011

Sizes: 35-48

■ ■ Designed in Italy



**Inner lining in breathable fabric.**

**Polycarbonate eyelets extremely resistant to pressure**

**Toe Cap**  
Shattered toe cap in composite material resistant to 200 joules. The fit 11.5, in addition to being comfortable, re-proposes faithfully the shape of civilian shoe.

**PU Super Soft**  
Ultra-light Super soft and extremely flexible antistatic polyurethane sole for a high level of comfort. The thred, abrasion resistant to oils and to hydrocarbons, has excellent endurance qualities to slipping. (soft insole, anatomical, antibacterial, antistatic, with antifungal support, antitallonite)

**Foil**  
Insole in ballistic fabric anti-perforation 0 mm Perforation in accordance with EN 20345:2011 (Nail 4.5 mm I – 1100 N)

**Upper**  
Made entirely in extremely light and three-dimensional tear resistance and abrasion fabric. Very breathable and water repellent (S3). Chaplet made of durable microfiber tearproof.  
Latex finger guard for better protection of the phalanges.

## Specification

EU Regulation	EN ISO 20345:2011, S3 ESD SRC
Footwear height	High Shoes
Fit	11 Mondoprint
Weight	490 g (Size 42)
Size range	35-48
Construction	STROBEL-PU
Suggested field	Mechanics, construction, logistics, light indus.

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Description	Value	Norm Requirements	EN20345
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## Upper - Putek Spider (Lenzi) fabric

Tear resistance	195 N	≥ 60 N	5,4,3
Water steam permeability	6 mg/cm <sup>2</sup>	≥ 0,8 mg/cm <sup>2</sup>	5,4,6

## 3D open cell fabric

Tear resistance	24 N	≥ 15 N	5,5,1
Abration resistance	51,000 Cycles	25,600 cicli	5,5,2
Water steam permeability	9,4 mg/cm <sup>2</sup>	≥ 2 mg/cm <sup>2</sup>	5,5,3
Dimethifumarate (DMF)	N/A	≤ 0,01mg/kg	
Chromium VI EN ISO 17075-1 2017	N/A		

## Removable footbed with foam heel

Thickness	2,0 mm	N/A	5,7,1
Deassorption of water	90%	≥ 80%	5,7,3
Water absorption	80 mg/cm <sup>2</sup>	≥ 70%	5,7,3
Abration resistance (after 400 cycles)	n.d.	No damage	5,7,4,1
Chromium VI EN ISO 17075-1 2017	N/A		

## Non metallic toe cap EN 12568

Impact resistance (200 J) * Free height after impact	14,5 mm	≥ 14 mm	5,3,2,3
Compression resistance * Free height after impact	14,5 mm	≥ 14 mm	5,3,2,4

## Textile foil K18 ZERO AS Tessiltoschi

Puncture resistance	1430 N	≥ 1100 N	6,2,2
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## PU low density Supersoft

Tear resistance	11 kN/m	≥ 8 kN/m	5,8,2
Abration resistance * relative volume loss	55 mm <sup>3</sup>	≥ 150 mm <sup>3</sup>	5,8,3
Flexion resistance * Notches increase after 30.000 cycles	< 1,0 mm	≤ 4 mm	5,8,4
* Notches increase after 150.000 cycles	1,0 mm	≤ 6 mm	5,8,5
Hydrocarbons resistance * Volume change	0,80%	≤ 12%	5,8,7
Outsole – insole detachments	4,5 N/mm	≥ 4,0N/mm	5,8,6
Energy absorption in the heel area	32 J	≥ 20 J	6,2,4



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**CEI EN 61340-5-2016/COR1:2017**

Electrical resistance to ground	5,00x10 <sup>7</sup> Ohm	≤1x10 <sup>8</sup> Ohm	5,3,3
Trasverse resistance	9,13x10 <sup>7</sup> Ohm	≤1x10 <sup>8</sup> Ohm	5,3,3
Chargeability	10,19 V	≤ 100V	5,3,3
Dynamic coefficient of friction EN 13287			

**SRA Pressed ceramic tile floor on detergent resistance**

Heel (Angle of 7°)	0,33	> 0,28
Sole	0,36	> 0,32

**SRB Stainless steel plate on glycerine resistance**

Heel	0,15	> 0,13
Sole	0,2	> 0,18