

## ENERGETICA S3



*Product Reference* Energetica  
*EN ISO20345:2011* S3 SRC ESD  
*Sizes* 38-47  
*Weight (s. 41)* 670 gr.

**Model description:** Cordura and nylon shoe, waterrepellent, black, Coolmax lining, antistatic, puncture resistant SJ Flex sole, shock proof, antislip, composite toe cap, S3, PU/PU sole.

**Application areas:** Manufacturing.

### Precaution and maintenance of the shoe:

To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator, nor nearby a heat source.



		Description	Measure Unit	Result	EN345 required	
Complete shoe	Protection of toes: composite tip resistant to: A shock of 200 J Pressure of 1500 kg Sole: SJ flex resistant to 1100N	Impact resistance (Clearance after shock)	Mm	17.5	>14	
		Compressive strength (after clearance compression)	Mm	17	14	
	Anti-shock system: Low-Density polyurethane and profile of the heel	Shock absorption in heel	J	>34	>20	
Upper	Cordura and nylon, black	Permeability to water vapor	Mg/m <sup>2</sup> hour	>2,7	>0,8	
		Thickness 1,6mm	Permeability coefficient	Mg/cm <sup>2</sup>	>25,6	>20
			Water repellent	Minute	>90	<60
Front	Thickness 1,2mm	Permeability coefficient	Mg/cm <sup>2</sup>	>34,3	>30	
Lining	Coolmax® black	Permeability to water vapor	Mg/cm <sup>2</sup> hour	>2,1	>2	
Back	Thickness 1,0mm	Permeability coefficient	Mg/cm <sup>2</sup>	>45	>30	
Insole	Antistatic, absorbent, resistant to abrasion and to exfoliation	Abrasion resistance	Cycles	>400	>400	
Outsole	Antistatic double density polyurethane injected directly onto the upper	Abrasion resistance (volume loss)	Mm <sup>3</sup>	110	<150	
		Grey, non marking, anti-slip, abrasion resistant, ESD, mineral oils and weak acids	Oil resistance (volumen variation AV)	%	+1,0	<+12
			Coefficient of adhesion of the outsole	-	0,25	>0,15

*Our shoes are constantly evolving, the technical data above may change.*

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