

SPARK 460-109



developed for conductive moulded insole

Breathable fabric with carbon yarn to assure permanent **conductivity**.
High density Polyurethane foam, **conductive** in environment at the 12% of **relative humidity**,
in accordance with the ESD standard (CEI EN 61340-5-1:2016).
The **breathability** is ensured by the open-cell structure, which also allows the **absorption** of
skin moisture and subsequent desorption.
It's enough stiff for easy introduction of the insole into the shoe.
During use, it becomes soft and acquires elasticity and comfort on the whole plant.

ESD
conductive 12% RH



	TEST	UNITS	STANDARD	TYPICAL VALUES
	weight	gr/m ²	UNI EN ISO 2286-2	810
	thickness	mm	DIN 53855	9
	density	kg/m ³		90
	roll width	cm		150
	elettrical resistance	Ohm	EN ISO 20344	<1x10 ⁷
	relative humidity	%		12

0,5 % Carbon
21,5 % Polyester
11,0 % Synthetic Resin
67,0 % Polyurethane

The mentioned data are average values resulted on standard products of ours. The results are obtained either by own Laboratory or by Official Laboratories and they follow both internal and international Standard Norms. They are typical and strictly confidential data