

SOLS GEOBIONOMIC MAT TECHNICAL SHEET

SOLS has developed and engineered revolutionary technology to help decrease dangerous artificial voltages and currents in the human body transmitted to it from the environment. The SOLS Geobionomic Mat helps to neutralize human body or electrical voltage, wherever you want, by simply contacting the material. This certified material has been shown to reduce these levels by over 90%! This means your body is grounded, under less stress and has the possibility for greater health and productivity.



SOLS Geobionomic Mats features Extrema Clever fine European fabric. Extrema Clever is a fully certified European brand and fabric, recognized by architects and international designers, and is used in special Bionomic applications developed by Swiss Optimal Living Society.

It is a highly conductive coated fabric with unique and special minerals including graphite and other revolutionary components made for industrial applications. The high-tech material uses polyurethane polyethers which guarantee a high resistance to hydrolysis, and therefore to wear and aging. These special polyurethane resins, in case of fire or combustion do not produce dioxins, furans or hydrochloric acid, all substances which are hazardous to health and the environment. Extrema Clever, and its production, has been fully certified and is made of the highest quality 'raw high-tech materials' available in Italy and Europe.



EXTREMA CLEVER: FEATURES AND CHARACTERISTICS

HIGH CONDUCTIVITY

The patented fabric features high conductivity characteristics which distribute electrostatic charges across the material, with EMF reducing properties, in addition to almost total reduction of charge when the mat is conducted to the earth bonding point. This molecular structure is designed to be a perfect carrier of bionomic coherent energies.

HIGH RESISTANCE TO ABRASION

Resists most high temperatures and scratching compared to a conventional polyurethane.

PERFECT DISSIPATION

Compared to conventional conductive tissues, the fabric has an unique inside molecular structure and distribution of charges that allows for a perfect dissipation of heat, if put in contact with any source.

HIGHLY INNOVATIVE APPLICATIONS

Certified for having a conductive surface, it leads itself to countless creative and highly innovative developments (for example illumination of LEDs applied to its surface).

SHIELDING PROPERTIES

The material has a surface that behaves both as a screen to infrared rays, and for shielding electromagnetic radiation.

GROUND CONNECTION AS ESD

It is possible, with an electro static discharge (ESD) adapter to use the mat for the purpose of ESD protection, making a neutralizer of human body voltage and a certified electro-static discharger. *Note: Only use the mat as an ESD device with an ESD approved plug and cable.*

BACTERIOSTATIC

The material has a surface that also has bacteriostatic effects, which means a cleaner and more sanitary material for your daily usage.

FREE OF SVHC

Completely free of phthalates, SOLS Extrema Clever is produced in full compliance with all the European directives on environment policy and waste materials recovery.

HEAVY METAL FREE

The material does not contain SVHC substances, and is free of heavy metals, cadmium, mercury, and is in conformity with European Community regulations. (List of candidates) Reach number 1907-2006- (maximum of 0.1%).

ULTRAFRESH CERTIFICATION

Extrema Clever fabric has "Ultrafresh" certification, which makes this fabric an antimicrobial material, which hinders the formation of mold, and exerts an antibacterial and anti-mite effect, as well as resistant to unpleasant odors and allergies.

PERFECT LEATHER LIKE TOUCH

Unlike any other conductive fabric present on the market today, the SOLS Extrema Clever gives a leather-like feeling to the skin when touched, formed from complex techniques of coating and distribution of charges.

100% MADE IN ITALY AND EUROPEAN CERTIFIED

The completely 100% made in Italy material, has achieved maximum certifications by prestigious European laboratories, and has demonstrated exceptional durability and efficiency over time.

DESIGN AND BEAUTY

It has the design and the elegance of a certified Italian fabric. Thanks to the permeability of the molecular surface, we have developed a unique technique for printing pictures and images on top of the conductive stratum, in high resolution without significantly compromising the mat's conductive efficiency.



CE MARKING
ELECTROMAGNETIC COMPATIBILITY
ELECTRICAL SAFETY
LASER SPECTROSCOPY
ENVIRONMENTAL PHYSICS

G.S.D. S.r.l.
Certified in accordance with
UNI EN ISO 9001:2008
by
TÜV Rheinland Italia S.r.l.
Certificate N. 39 00 1850509



PRINTABLE FABRIC WITH INFINITE PERSONALIZATIONS

SOLS is the only company in the world to produce printable Geobionomic Mats allowing you customizable options for your office environment. Contact SOLS at info@solsociety.swiss for more information about custom printed mats.

SOLS BIONOMIC EARTH BONDING POINT AND CABLE

EARTH BONDING POINT

The SOLS Geobionomic Earth Bonding Point is a rigorously tested, easy to use plug convenient for most electrical outlets (country dependent). The Earth Bonding Point features a 100 kilo ohm resistor to create a low resistance ground (earth) interface. This allows the plug to keep any conductive dissipation of the current flow safe, while maximizing the effectiveness of the ground connection. The plug features three secure snap buttons to be able to quickly apply cables to for multiple bionomic uses.

SOLS GEOBIONOMIC CABLE

The SOLS Geobionomic Cable features an additional 100 kilo ohm resistor to further create a highly effective and safe ground (earth) interface. It is designed to perfectly work in synergy with the SOLS Earth Bonding Point.

 Via Tavernola 22 - 6949 Comano Switzerland
 +41 91 228 0640



SOLS

SWISS
OPTIMAL
LIVING
SOCIETY