

# SOLIANIemc s.r.l.

## 99.9% Silver wovens and non wovens



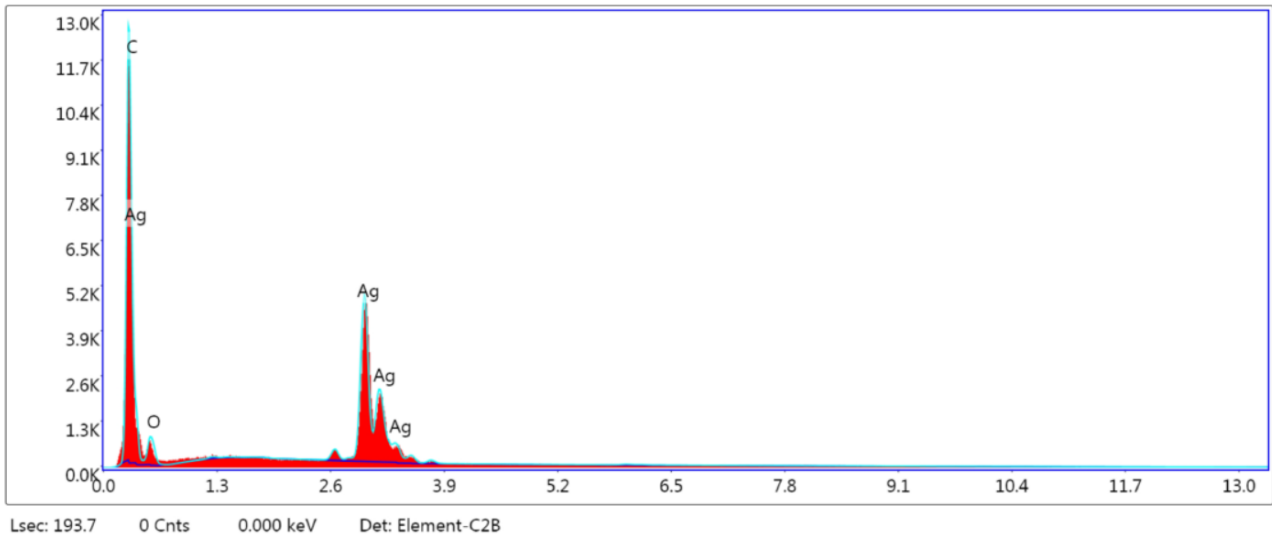
The naked eye cannot see the dangers of bacteria growing on our clothes. In laboratory tests it was discovered that bacteria multiplied, at an alarming rate, on fabric placed on a cultured dish.

Some of them, for example, escherichia coli or bacillus cereus can cause food poisonings. Others, like klebsiella pneumoniae, can cause lung infections. The acinetobacter aumanii, is a hospital born infection, that can be carried on fabrics.

This is why we developed fabrics treated with **SilverSOLEMI**<sup>®</sup> a silverbased product. It reduces bacteria development, which could cause diseases and perspiration odors.

Tested and qualified following:

- **The Cytotoxicity Test according to DIN EN ISO 10993-5**
- **DIN EN ISO 20743:2013-12 "Textiles - Determination of the antibacterial activity of antibacterial finished products"**
- **Standard 100 by OEKOTEX appendix 4 class I**



The same test using a fabric treated with SilverSOLEMI® showed after 18 hours only 10 colonies of bacteria.

SilverSOLEMI® decreased the colonies by 300,000 times!

