

# MEFTEX

**NEW PROPERTIES GAINED  
- ORIGINAL ONES RETAINED**



**FABRIC AND FIBRE METALLIZATION  
BY MEANS OF  
UNIQUE CHEMICAL METHOD**

## **NEW PROPERTIES GAINED - ORIGINAL ONES RETAINED**

**MEFTEX** metallized fabric achieves exceptional new technical parameters while preserving all the required properties of the original material (lightness, elasticity, breathability, tensile strength, appearance). These characteristics of the resulting metallized fabrics will be retained even with high and permanent loads (grinding, bending, stretching). A continuous and fully automated production process guarantees a homogeneous, standardized product and assurance of consistently high quality.

**The great benefit of this cutting-edge technology, compared to other plating methods, is that it does not generate any toxic waste. Also, the formation of other chemical waste is minimal.**

**Our production capacity is not limited in any way by the generation of toxic waste. Therefore, we are ready and able to increase production capacity according to current customer needs and to manage any sudden fluctuations in demand.**

## **FEATURES**

- New original approach**
- Environmentally friendly**
- Customise approach**
- Variety applications**
- RoHS compliance**

## **METHOD**

- Unique chemical method of metallization**
- Continuous process**
- Versatile, very effective**
- Applicable to various metals and fabrics**

## **PRODUCT BENEFITS**

**UNIQUE STRUCTURED  
BASE NON-WOVEN FABRIC  
MILIFE®**  
(100% polyester)

**EXCELLENT SURFACE  
CONDUCTIVITY**  
Surface resistivity up to 5 Ω

**SHIELDING EFFECTIVENESS**  
55 dB (30 MHz–20 GHz)

**REFLECTIVITY**  
50% in IR spectrum

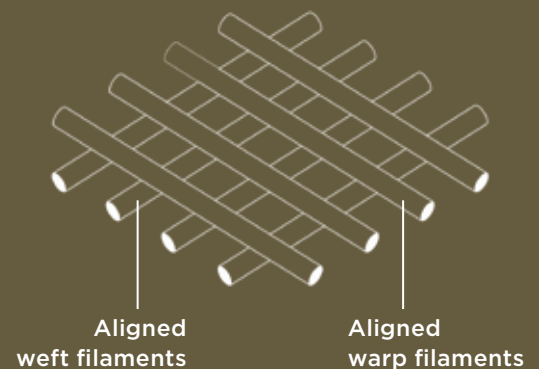
**LIGHTWEIGHT**  
3–5 g/m<sup>2</sup> of metal

**FLEXIBLE**

**TENSILE STRENGTH**

**BREATHABLE**

### **STRUCTURE OF MILIFE®**



**THIS STRUCTURE  
MAKES UNIFORM BASIC WEIGHT.**

### **CROSS SECTION**

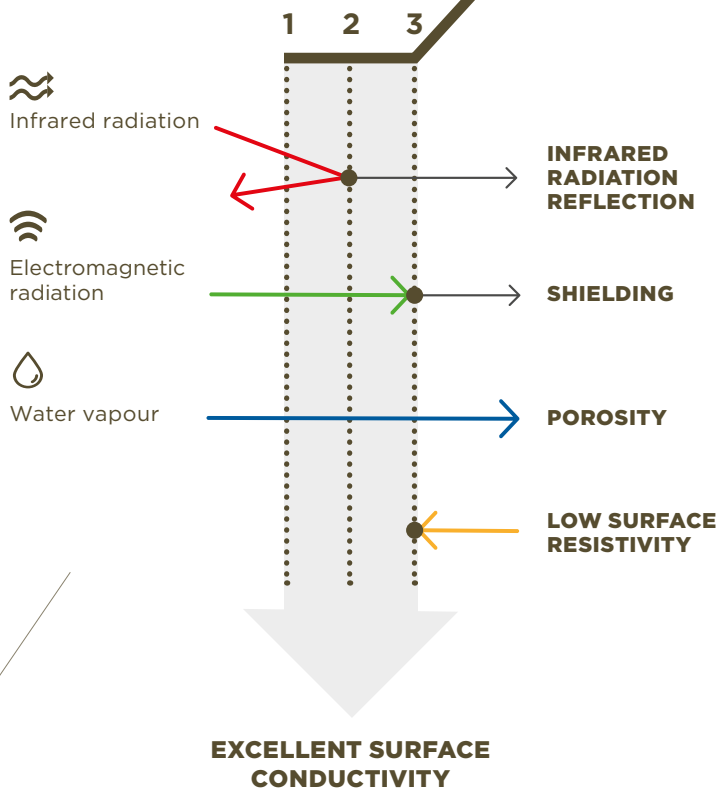


*MILIFE® is a registered trademark  
of JX Nippon ANCI Corporation.*

# MEFTEX

## STRUCTURE OF MEFTEX

- 1 - Original fabric:  
100% nonwoven polyester (PES)
- 2 - 1st layer (Ni/Cu)
- 3 - 2nd layer (Cu, Sn, Ag...)



## APPLICATIONS

- EMR shielding of sensitive devices**
- EMR shielding of rooms and buildings**
- Individual EMR shielding**
- Personal data safety**  
(bank/access cards, ID)
- Thermal reflexivity and insulation**
- Material for SMART textile**  
(thermal comfort, thermal barrier)
- Antistatic barrier**
- Conductive materials**

## FIELDS OF USE

MILITARY



NAVY



MEDICAL



ARCHITECTURE



APPAREL



ELECTRONICS



AUTOMOTIVE



# ABOUT US

Bochemie has been building its know-how for over 110 years. During that time, we have managed to get a position as one of the strongest European producers of branded products, specialty chemicals and disinfectants and detergents. And thanks to our long-term intensive research and development, we have become a leading producer of advanced chemical products that flexibly adapt to the current needs of our customers.

**OUR MANUFACTURING PROGRAMME IS COMPRISED OF FOLLOWING BASIC GROUPS WHICH ARE SPECIFIC WITH THEIR SPECIALIZATION, TARGET GROUPS AND EXPORT TERRITORIES:**

#### **Metal Surface Treatment:**

- FEROPUR™ is used in the unique technological process of pickling stainless steel.
- Zinc Chloride is most commonly used as a flux in the process of hot-dip galvanizing.

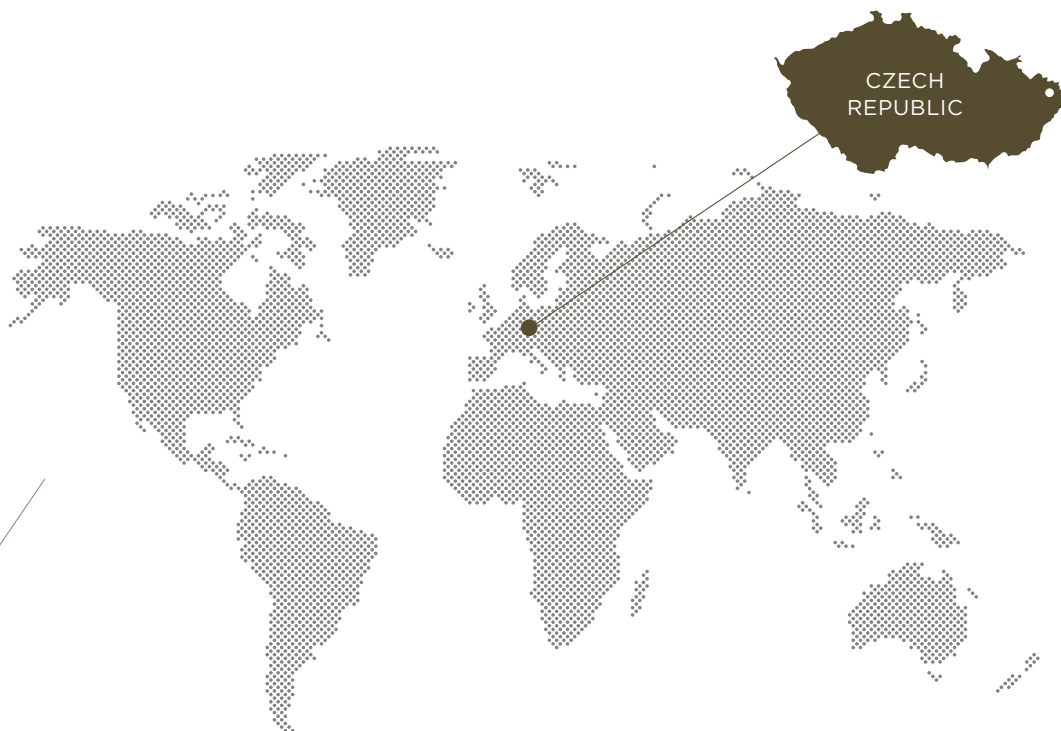
#### **Material for Accumulators for industrial use.**

#### **Wood preservation:**

- Treatment of construction timber and construction materials against biotic pests.

#### **Manufacturing contractor for a wide range of disinfectants and detergents.**

The key to success is the constant search for the best solutions, for that reason the research and development department is inextricably linked with our company.



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