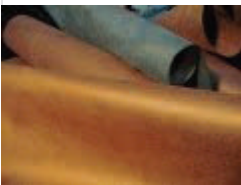


Plated materials open unlimited opportunities for product development and Shieldex Trading USA, with fifteen years of experience, can help with a multitude of plated textile materials and processes. Electroless, galvanic or combination treatments with variable layer thickness can be tailor-made to customer needs. Flexibility and adhesion enable SHIELDDEX® metallized fabrics, yarns and fillers to withstand all textile treatments including spinning, weaving, needlefelting and sewing.

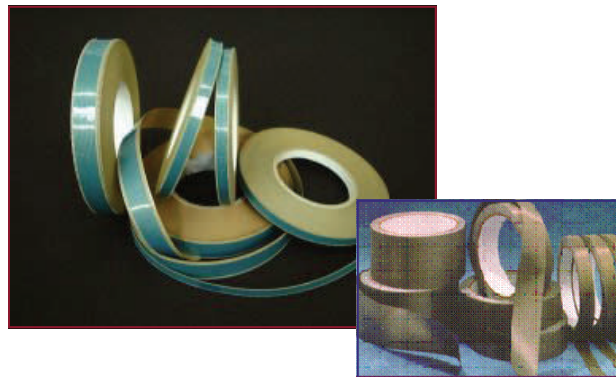
Silver has inherent qualities that make it the idea element to use in applications as varied as medical wound dressings, scent-free textiles, thermal management, conductive tapes, architectural shielding, EMI shielding gaskets, tent and anti-microbial fabric wipes and linens. Shieldex Trading's silver-plated fabric, tape, fillers and yarns make all these applications marketable products.



Nickel and tin over copper/silver plated fabrics offer outstanding EMI shielding characteristics and environmental stability.

Aluminum foil laminates provide answers to thermal management concerns and can solve cost sensitive EMI shielding problems such as I/O applications, as well as, infrared signature reduction.

Shieldex Trading provides metallized materials to meet the requirements of all these varied applications.



SHIELDDEX Ultra-Flex Shielding Tape

- Highly flexible and durable
- Highly conductive, yielding reliable shielding effectiveness
- High tack adhesive system
- End-user safety with no razor-sharp foil edges to cut fingers
- Easily die-cut and processed without the fraying that is typical with rip-stop fabric tapes
- Total galvanic compatibility with all mating surfaces.

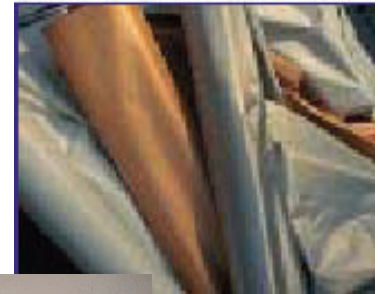


SHIELDDEX TRADING USA

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Metallized Yarns Fibers & Fabrics



FABRICS FOR TECHNOLOGY

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Shieldex Trading

USA

A DIVISION OF STATEX
GMBH

1983 – Creation of STATEX fibers and yarns using an unique metallizing process that bonds silver onto polyamide based materials. An initial application is anti-static discharge using silvered yarns and fibers in carpets and fabric.

1987 – Statex GmbH improves the silver plating process. Woven and knitted fabrics are plated with a guaranteed, complete silver coating on every filament.

1990 – Nonwoven fabrics plated using Statex's exclusive process, yielding both durable metal bonding and fabric suppleness.

1992 – New plating combinations for both woven and nonwoven fabrics.

Ag/ Cu = Copper layer over silver layer

Ag/ Cu/ Ni = Nickel/ Copper layer over Silver layer

Ag/ Cu/ Sn = Tin/ Copper layer over silver layer

1996 – Formation of Shieldex Trading GmbH to facilitate distribution of SHIELDEX fabrics and yarns worldwide.

1998 – Development of high-quality silverized materials for medical applications in wound care as well as anti-bacterial dressings.

1999 – Accreditation as an automotive industry supplier. Applications include electra-contacts and seat materials.

2002 – German manufacturing location certified to ISO 9001:2000 standards.

2003 – Achieved Oeko-Teck Standard 100B, product class 1 certificate for SHIELDEX yarns and fabrics made with silver metallized synthetic fibers.

2004 – Statex GmbH employs 50 people with facilities in Germany, China and the United States.

Metallized Fabrics

Woven	Nonwoven	Ready to Fabricate
Berlin Carbon coated, Ag plated	Bonn Ag Plated PBN II	Armor RTF (FR) Ni/Cu Plated Woven nylon
Bremen Ag plated Nylon	Boston Cu Plated CEREX	Berlin RTF Carbon-coated, Ag plated
Kassel Cu-Ag Nylon	Kiel Cu plated PBNII	Nurnberg RTF Ni/Cu plated woven nylon
Nanking Ni/Ag	Koln Cu Plated CEREX	Standard RTF Carbon coated, Ag Plated
Nora Ni/Cu/Ag plated Nylon	Nice Ni/Cu Plated PBNII	Supra RTF Sn/Cu Plated
Nora Dell Ni/Cu/Ag plated Nylon	Norden Ni/Cu Plated CEREX	Zurich RTF Sn/Cu Plated
Tulle Ag Plated Bobbinet	Zeven Sn/Cu Plated PBNII	
Zell Sn/Cu/Ag plated Nylon	Woven fabrics are available with either ripstop or plain weave substrates	



Plated Fillers

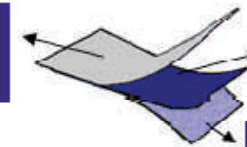


Plated Yarns



Plated Fabric

Conductive
Acrylic
Coated



Plated Fabric

LPDC Coating with Hot Melt Adhesive

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