

تحية طيبة و بعد ..

تتشرف جمعية رجال الأعمال المصريين الأفارقة بإحاطة سيادتكم بأنه قد ورد إلينا من:

استكمالاً للجهود المستمرة التي تبذلها جمعية رجال الأعمال المصريين الأفارقة في توفير الفرص التجارية والاستثمارية لأعضائها، وتعزيز التعاون مع السفارات والجهات الدولية، ورد إلينا عرض تعاون تجاري من شركة بيلاروسية متخصصة في تصنيع منتجات الألياف الزجاجية والسيليكا المقاومة لدرجات الحرارة المرتفعة، وتستهدف الشركة التوسع في السوق المصري والتعاون مع المستوردين والموزعين والشركات العاملة في قطاعات العزل الحراري، الصناعات الهندسية، الكهرباء، اللحام ومواد البناء، بما يفتح آفاقاً جديدة للشركات التجارية وتبادل المنتجات بين الجانبين.

وتفضلوا بقبول فائق الاحترام والتقدير.

رئيس مجلس إدارة جمعية
رجال الأعمال المصريين الأفارقة


جمعية رجال الأعمال المصريين الأفارقة
Egyptian African Businessmen's Association
6779/2020
د/ يسري الشرفاوي

الأمين العام لجمعية
رجال الأعمال المصريين الأفارقة

مصطفى الواسع

م/ مصطفى الامير



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ABOUT COMPANY

- **1958** YEAR OF FORMATION
- **3700** NUMBER OF EMPLOYEES
- **50 HA** INDUSTRIAL COMPLEX AREA
- **55 COUNTRIES** GEOGRAPHY OF SUPPLIES
- **90%** EXPORT OF PRODUCTS

ONE OF THE WORLD'S LEADING
MANUFACTURERS OF GLASS FIBER
AND PRODUCTS ON ITS BASIS





FULL CYCLE OF TECHNOLOGICAL PROCESSES



BATCH PREPARATION



GLASS MELTING



FIBER
FORMING



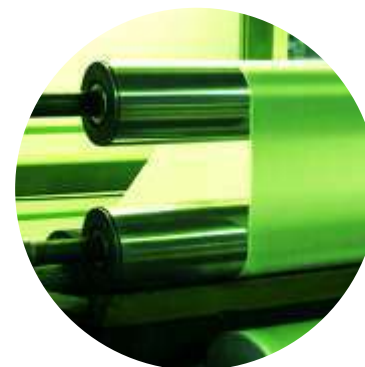
UNWINDING,
TWISTING, PLYING



WARPING,
SLASHING



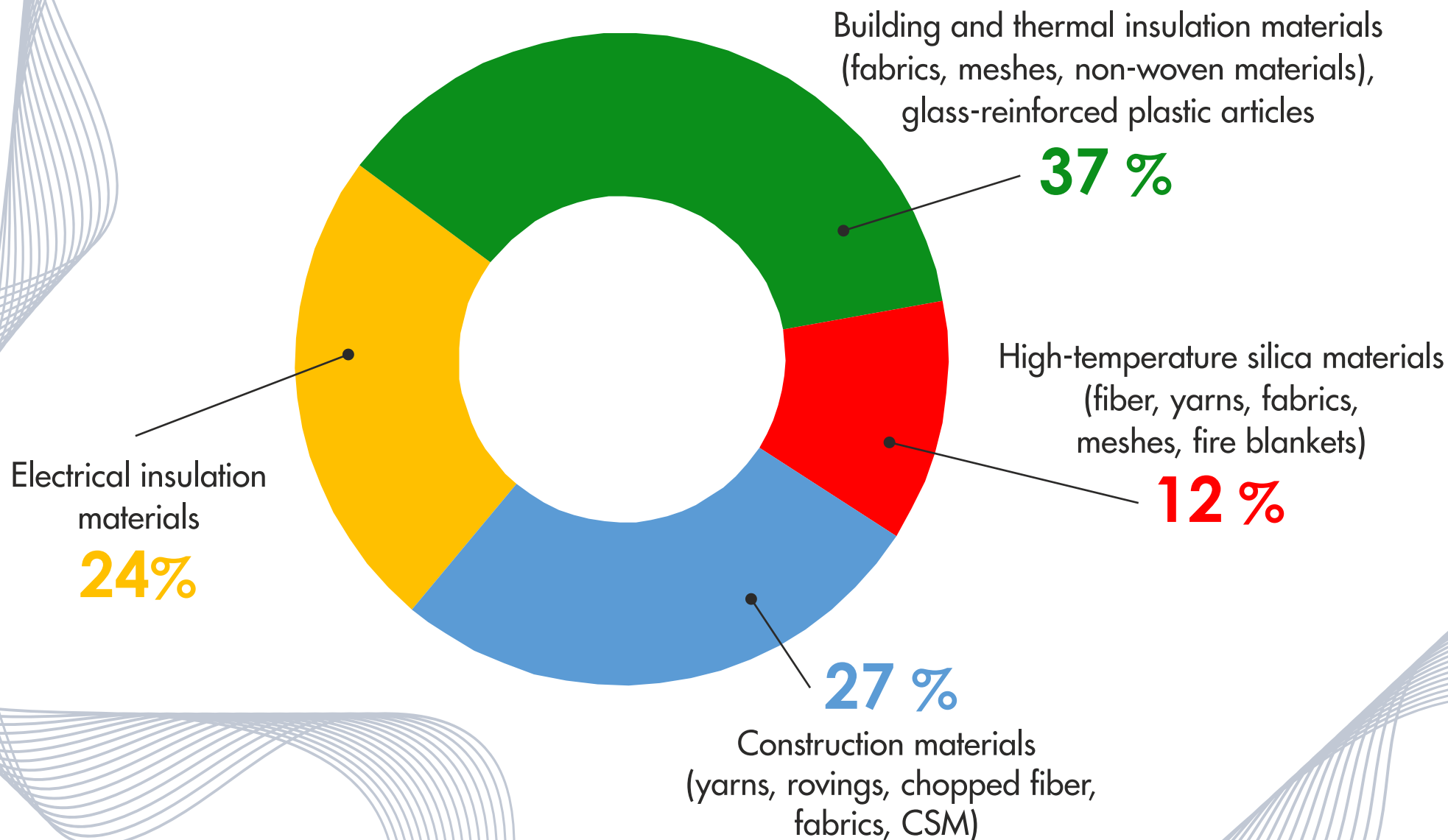
WEAVING



THERMAL AND
CHEMICAL TREATMENT



MAIN TYPES OF PRODUCTS





HIGH-TEMPERATURE SILICA MATERIALS

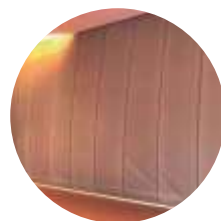
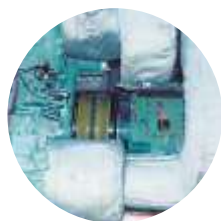
TYPES OF SILICA GLASS:

- No. 11 with SiO₂ content of 95±1%
(operating temperature up to +1100°C)
- Puresil with SiO₂ content of 99±1%
(operating temperature up to +1200 °C)

TYPES OF MATERIALS:

fabrics; filtering meshes; yarns, incl. sewing;
fiber; fire and welding blankets, other finished
products.

Superb high-temperature insulation for critical
industrial branches.



technical data sheet



HIGH-TEMPERATURE SILICA MATERIALS

FIELDS OF APPLICATION:

- **MANUFACTURING OF FIRE PROTECTION ARTICLES:**
Welding blankets, fire blankets, screens and curtains.
- **HIGH-TEMPERATURE INDUSTRIAL INSULATION:**
Insulation of furnaces, turbines, nuclear power plants, oil platforms, equipment.
- **METALLURGY:**
As a filter for cleaning molten metals
- **AUTOMOTIVE AND AEROSPACE INDUSTRY:**
Insulation of gas exhaust systems, etc
- **AS A RAW MATERIAL FOR PRODUCTS:**
Thermal insulation mats and sleeves



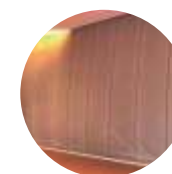
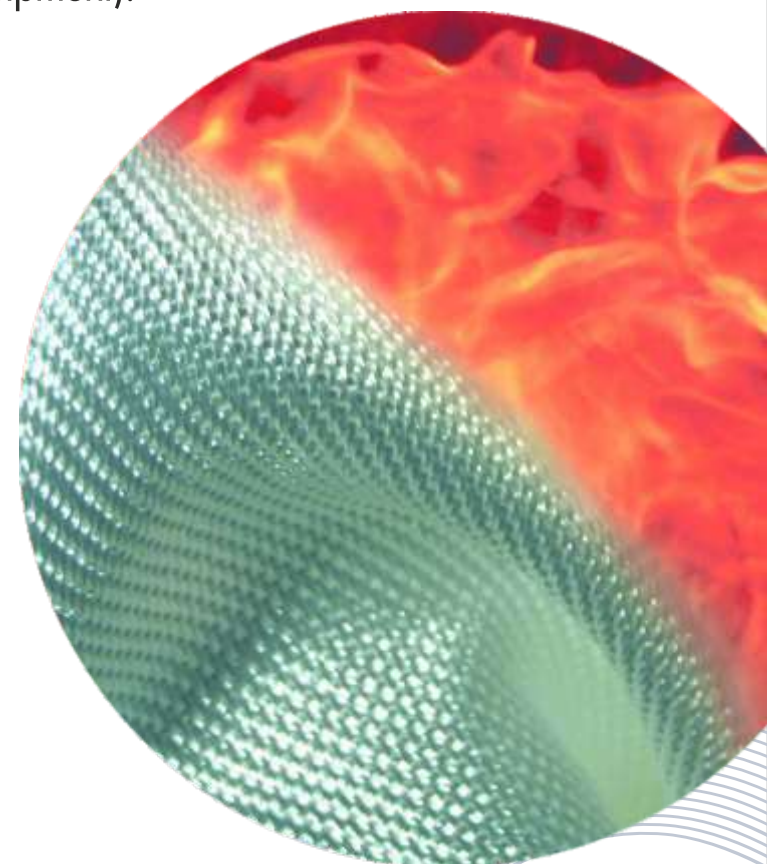
SILICA FABRICS

Silica fabrics are used as a substitute for asbestos in various industries:

- as high-temperature industrial insulation (insulation of furnaces, turbines, oil platforms, equipment, aerospace equipment, nuclear power plant reactors);
- for manufacturing finished products (welding blankets, fire blankets, smoke and flame-retardant screens and curtains, thermal insulation mats and sleeves, casings to protect equipment).

Silica fabrics (SiO ₂ content not less than 98%)									
Fabric type	Weave type	Fabric count, yarns per 1 cm		Weight per unit area, g/m ²	Tensile strength, N/2,5 cm, not less		Mass fraction of Na ₂ O, %, not more	Loss on ignition at temperature 1000°C, %	Width, cm
		warp	weft		warp	weft			
PS-1000-S	satin 12/7	17±1	13±1	1100±100	1800	1400	0,7	7-12	(62-210)±2
PS-1000-S-CH	satin 12/7	17±1	13±1	1100±100	1800	1400	0,7	7-14	(62-210)±2
PS-1000-S-TO	satin 12/7	17±1	13±1	1100±100	790	490	0,7	not more than 4,0	(62-210)±2,5
Silica fabrics from texturized yarns (SiO ₂ content not less than 98%)									
PS-1400T	basket	12+1	6±1	1400±140	740	340	0,8	7-12	(62-210)+3-2
Silica fabrics (SiO ₂ content not less than 98%)									
PS-180	plain	10+1	10±1	180±30	490	392	0,8	7-12	(88,95,100)±2
PS-600-S	satin 8/3	19±1	13±1	580±40	1100	800	0,7	7-12	(62-210)±2
PS-600-S-CH	satin 8/3	19±1	13±1	600±50	1100	800	0,7	7-14	(62-210)±2
PS-600-S-TO	satin 8/3	17±1	13±1	580±60	500	300	0,7	not more than 2,0	(62-210)±2,5
Silica fabrics (SiO ₂ content not less than 94%)									
KT-11-30K	plain	9±1	8±1	300±30	780	740	0,8	7-12	(62-210)±3
KT-11-TO-30K	plain	9±1	8±1	300±30	300	300	0,7	not more than 1,0	(62-210)±3
KT-600-C	satin 8/3	19±1	13±1	600±60	1370	1080	0,7	7-12	(62-210)±2
KT-600-C-V	satin 8/3	19±1	13±1	600±50	1370	1080	0,7	7-12	(62-210)±2
KT-600-C-TO	satin 8/3	19±1	13±1	550±100	980	690	0,7	7-12	(62-210)±2,5
KT-1000-C	satin 12/7	17±1	13±1	1100±100	1960	1470	0,7	7-12	(62-210)±2
KT-1000-C-V	satin 12/7	17±1	13±1	1100±100	1960	1470	0,7	7-14	(62-210)±2
KT-1000-C-TO	satin 12/7	17±1	13±1	1100±100	1470	980	0,7	not more than 4,0	(62-210)±2,5

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WELDING SILICA SCREEN

Welding screens are supplied to the Kuwait market. Kuwait National Petroleum Company uses them for repair and welding work at oil production and refining facilities.

- Made of silica fabric with operating temperature up to 1200C
- Provides protection during welding and grinding operations
- Provides protection during plasma cutting of metal
- Non-flammable

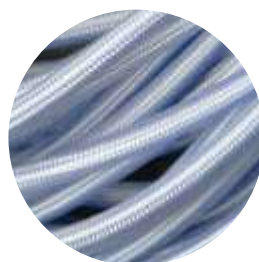




SILICA YARNS

Silica yarns are used for weaving fabrics, tapes, braids for high-temperature insulation; in the cable industry in case of exposure to high temperatures up to 1200 C; for stitching silica fabric articles for fire protection, welding protection and other types of protection of technological equipment.

SiO ₂ - not less 94%					
Yarn type	Total yarn linear density, tex	Twist value per 1 m	Twist direction: S - left Z - right	Tensile strength, N(kgf), not less	Loss on ignition, %
K11C6 68	68±5	200±20	S	15,0(1,5)	7-12
K11C6 90	90±7	150±15	S	20,0(2,0)	7-12
K11C6 136	136±10	130±13	S	29,0(3,0)	7-12
K11C6 180	180±14	150±15 or 250±25	S	39,0(4,0)	7-12
K11C6 180 x 3	540±42	20±4 or 100±15	Z	98,0(10,0)	7-12
K11C6 170 BA	170±20	150±15	S	39,0(4,0)	not more than 2
K11C6 170 BAF (sewing yarn)	220±26	250±25	S	59(6,0)	not less than 17
K11C6 170 x 2 BA	340±40	100 15	Z	69,0(7,0)	not less than 2

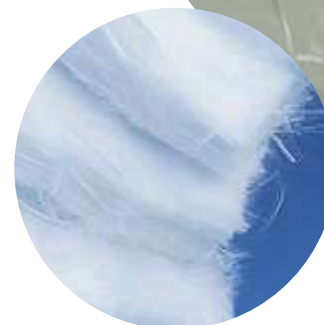




SILICA FIBER

Silica fiber is mainly used for the production of a needle felt that is widely applied in the automotive industry, metallurgy, nuclear and thermal power plants, insulation in electrical and combustion furnaces.

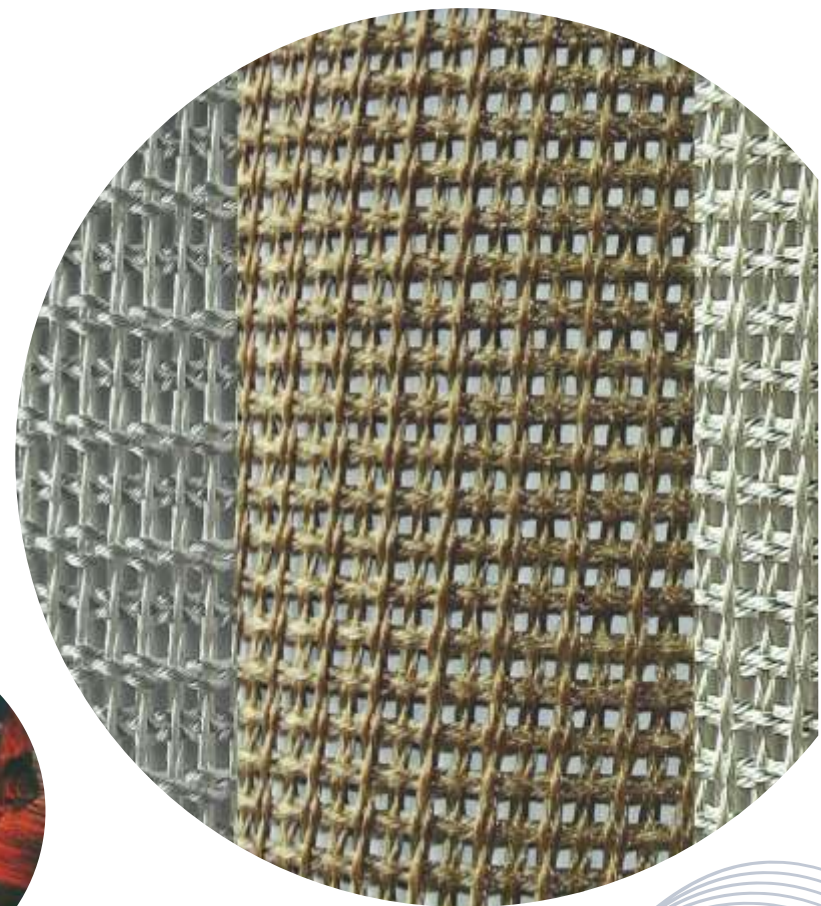
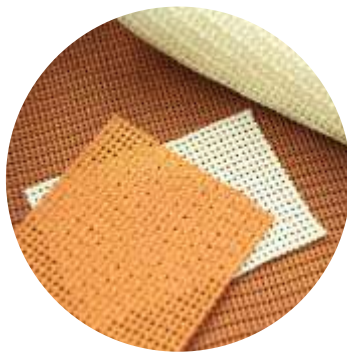
Fiber type	Nominal diameter of filament, microns	Fiber length, mm	Mass fraction of Na ₂ O, % not more	Loss on ignition, %	Moisture, %, not more
(SiO ₂ - not less 94%)					
KV-11(6), KV-11(9)	6±1, 9±1	50-100	0,8	7-12	3,5
(SiO ₂ - not less 98%)					
PS-23(9)	9±1	50-100 150-200	0,8	7-12	3,5





SILICA MESHES

Silica meshes are used as an effective filtering material for cleaning of melts of ferrous and non-ferrous metals while pouring them into the moulds. The use of silica mesh filters makes it possible to reduce casting defects by 2 times, to improve the metal structure, increase its physical-mechanical and technological properties.





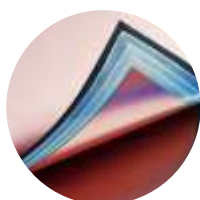
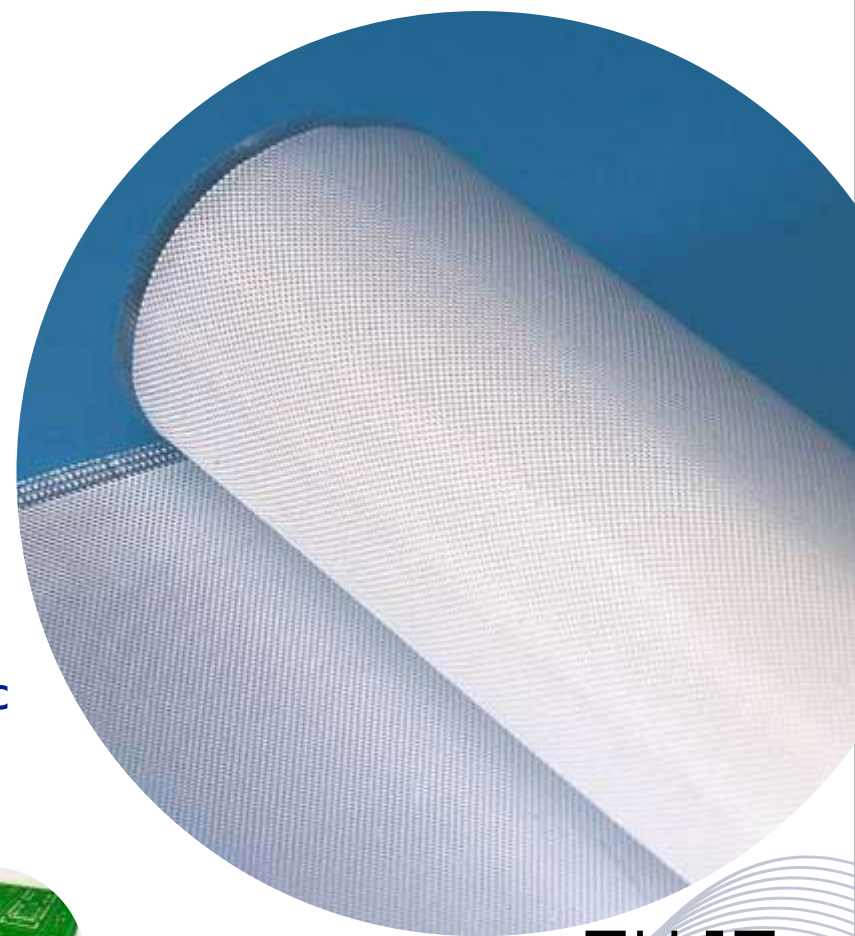
ELECTRICAL INSULATION MATERIALS

Electrical insulation materials

Electrical insulation glass fabrics with surface density from 24 to 400 g/m² are used for producing:

- Foiled laminates (printed circuit board basis);
- Technical plastics;
- Flexible insulations (glass fabrics, micanites, mica-like materials).

Application: production of blocks, panels, computer circuits, devices, insulation of electric motors and electric machine units, electric circuits.



technical data sheet



BUILDING AND THERMAL INSULATION MATERIALS

- Building glass fiber meshes
- GRP composite mesh
- Thermal insulation non-woven materials (mats)
- Rolled glass reinforced plastic
- Building windproof membrane
- Building glass fabrics
- Glass fabrics RATL for roofing materials
- Building insulation glass fabrics ISOBLACK, ISOWHITE
- Glass mesh for reinforcement of cutting wheels

Applied almost in all branches of industry – from building of underground utilities to roofing installation and repair.



technical data sheet



MATERIALS FOR GRP AND OTHER TECHNICAL APPLICATIONS

TYPES OF MATERIALS:

- Rovings (incl. direct and spray-up rovings);
- Glass fabrics (incl. roving fabrics);
- Chopped strand mat (CSM);
- Yarns;
- Chopped fiber.

Application in the composite industry.



technical data sheet



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We will be glad to see you as our partners and clients!