



**FOUNDATION OF
HIGH TECHNOLOGIES**

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About VINTECH

Full Company Name:

Limited Liability Company «VINTECH»

Short Name per Charter:

«VINTECH»

Founded: February 12, 2015

Member of the «Chamber of Commerce and Industry of the Russian Federation»

Details:

INN 7806087480 / KPP 507401001

OKPO 01011553 / OGRN 1157847043177

Issued by the Interdistrict Inspectorate of the Federal Tax Service

#5 for the Moscow Region

Account No. 4070281050000027254

JSC Bank «PSKB», ST. PETERSBURG
Corr. Account 3010181000000000052

BIC 044030852

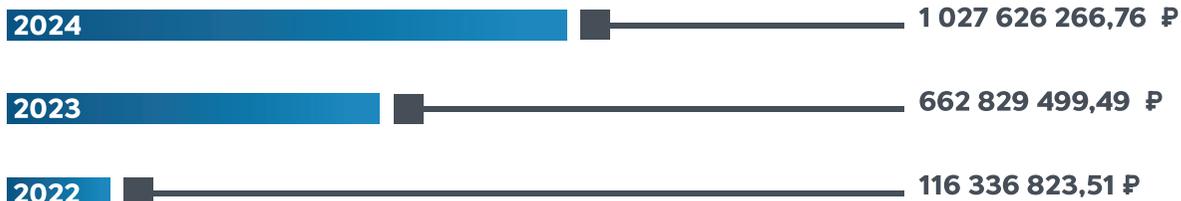
Legal Address:
Moscow Region, Podolsk Urban Okrug, Novoselki Village,
Technopark Territory, Bldg. 6A, Struct. 2, Premises 19, Workstation 1

Mailing Address:
142106, Moscow Region, Podolsk, Nekrasova St., 4, P.O. Box 244
via Russian Post OPS

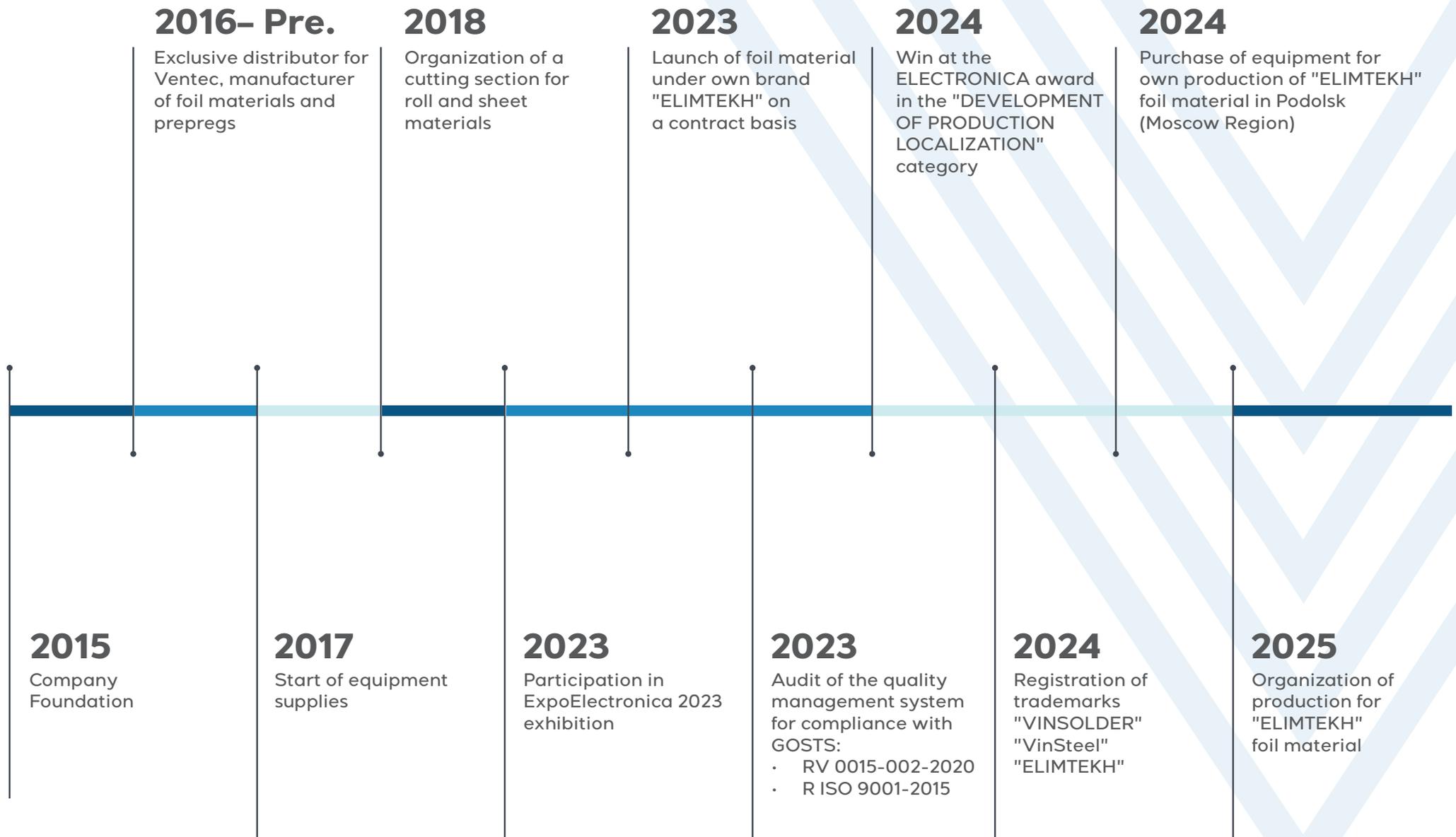


CEO: Alexey Repin

Revenue Data:



Company History



VINTECH IN NUMBERS



2015

Year of Foundation



over 30

Employees



over 200 manufacturers

Among clients



68 partners

From Russia and abroad



over 3 000 000 kg

Supply Volume



3

Own trademarks



55 regions of Russia

Delivery Geography



over 1600 m²

Area of production and warehouse complex

Product Range

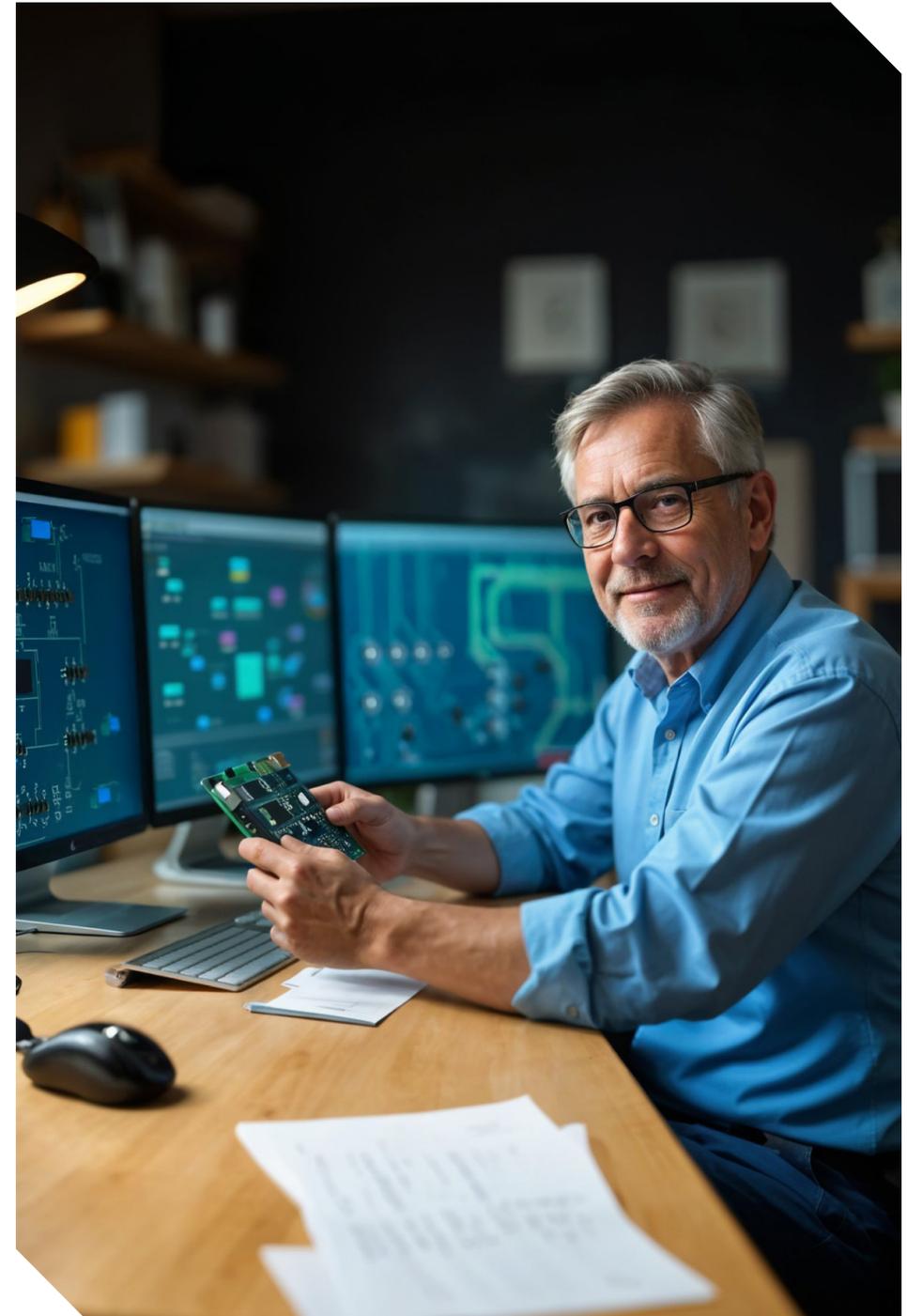
Our company holds strong market positions thanks to high product quality, compliance with modern standards, and an individual approach to each client.

Materials for Printed Circuit Board Production

In the category of materials for PCB production, we manufacture and supply copper-clad laminate (CCL). Furthermore, we offer RF/microwave materials and fluoroplastics, necessary for producing high-frequency modules.

Our range also includes photoresists and dry solder masks, which ensure precision and reliability in PCB manufacturing.

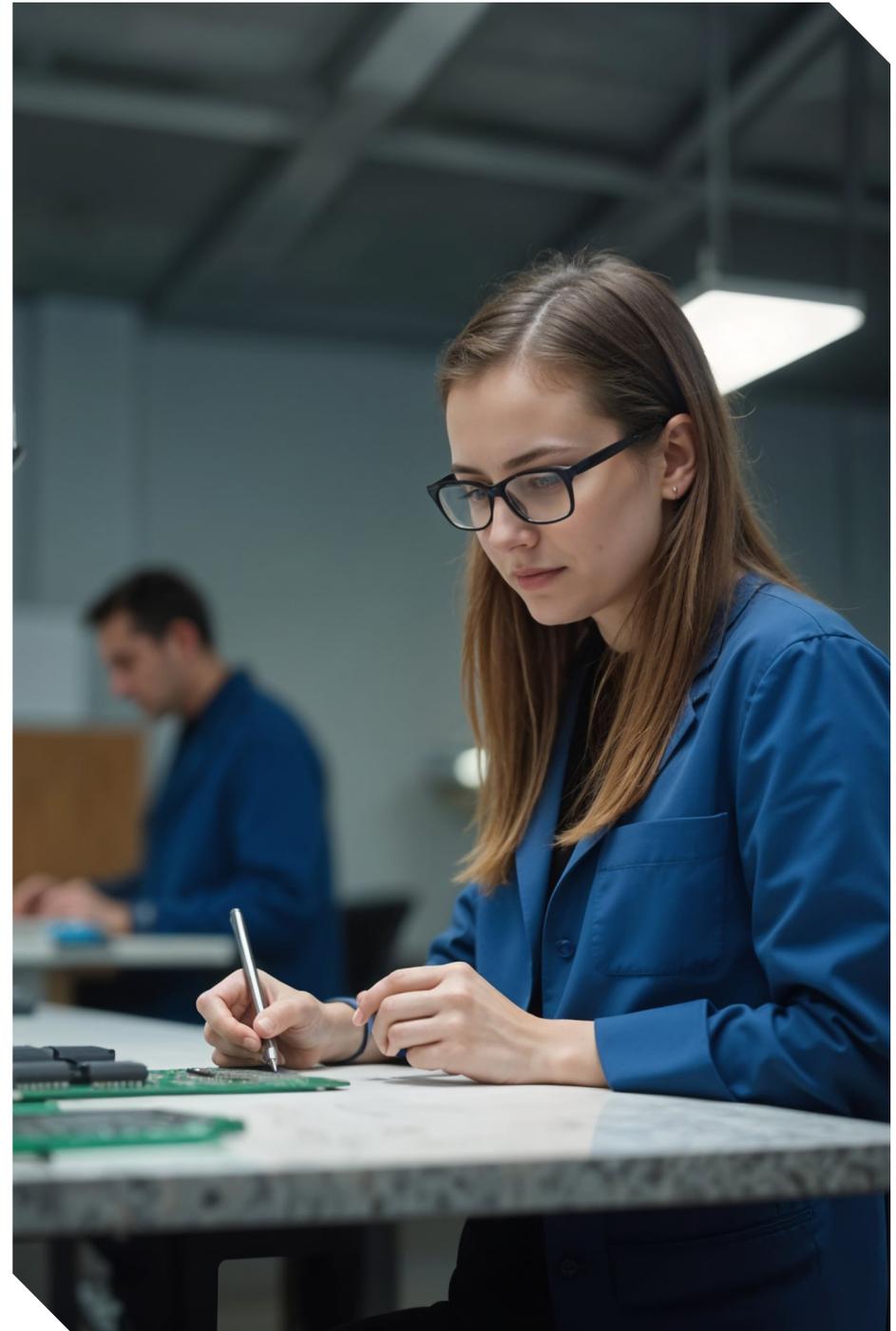
- ▶ Copper-Clad Laminate (CCL)
- ▶ Prepreg
- ▶ Copper Foil
- ▶ RF/Microwave Materials, Fluoroplastics
- ▶ Photoresists
- ▶ Dry Solder Masks
- ▶ Liquid Solder Masks
- ▶ Flexible Materials. Foiled Polyimides
- ▶ Phototechnical Films
- ▶ Auxiliary Materials for Lamination and Mechanical Processing
- ▶ Anodes
- ▶ Tooling



Materials for Assembly and Mounting Production

When it comes to materials for assembly and mounting production, V-INTECH offers materials for high-quality and efficient work execution. We supply soldering materials, hand tools, RF absorbers, elastomers, thermal conductive pads.

- ▶ Soldering Materials
- ▶ Non-foil material for manufacturing wave soldering tooling
- ▶ Hand Tools
- ▶ Stainless Steel Sheets for Stencils
- ▶ Consumables for surface dust removal and static discharge
- ▶ Materials for manufacturing microsections



Metalworking Tools

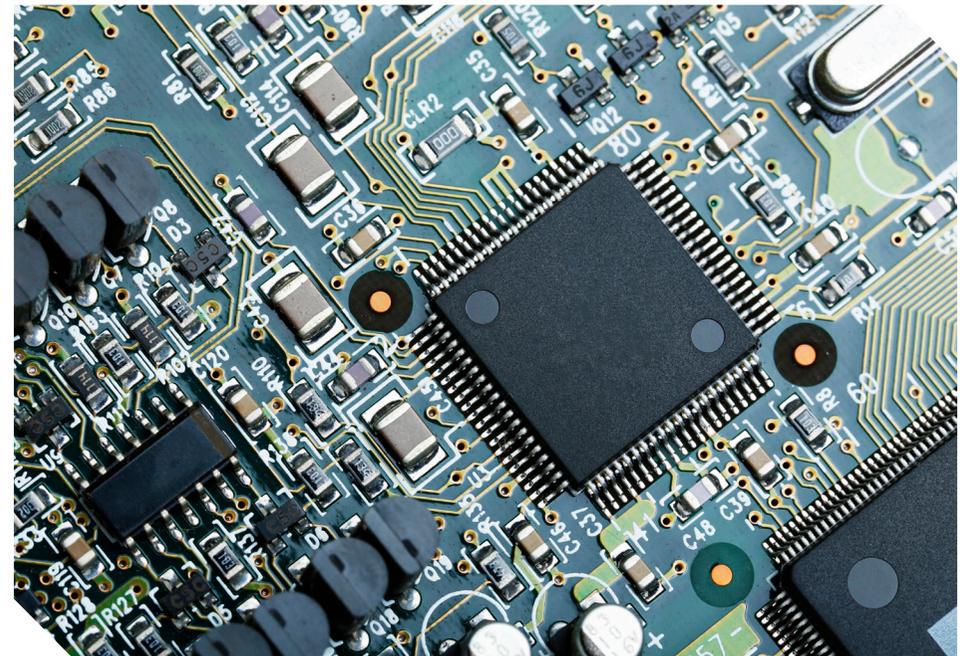
In the field of metalworking tools, we have a wide selection of products, including drills, end mills, reamers, taps, and turning inserts. These tools are designed considering modern requirements and allow for performing the most complex tasks with high precision and efficiency.

- ▶ Drills
- ▶ End Mills
- ▶ Reamers
- ▶ Taps
- ▶ Turning Inserts

Printed Circuit Boards

VINTECH supplies finished printed circuit boards, manufactured strictly according to the customer's technical specifications. We offer a full range of solutions for any task:

- ▶ Single-Sided and Double-Sided – reliable boards for standard applications
- ▶ Flexible (FPC) and Rigid-Flex – for compact and mobile devices
- ▶ Aluminum – effective module cooling
- ▶ High-Frequency (RF/Microwave) – stable operation in high-frequency ranges
- ▶ High-Density Interconnect (HDI) – maximally efficient use of surface area

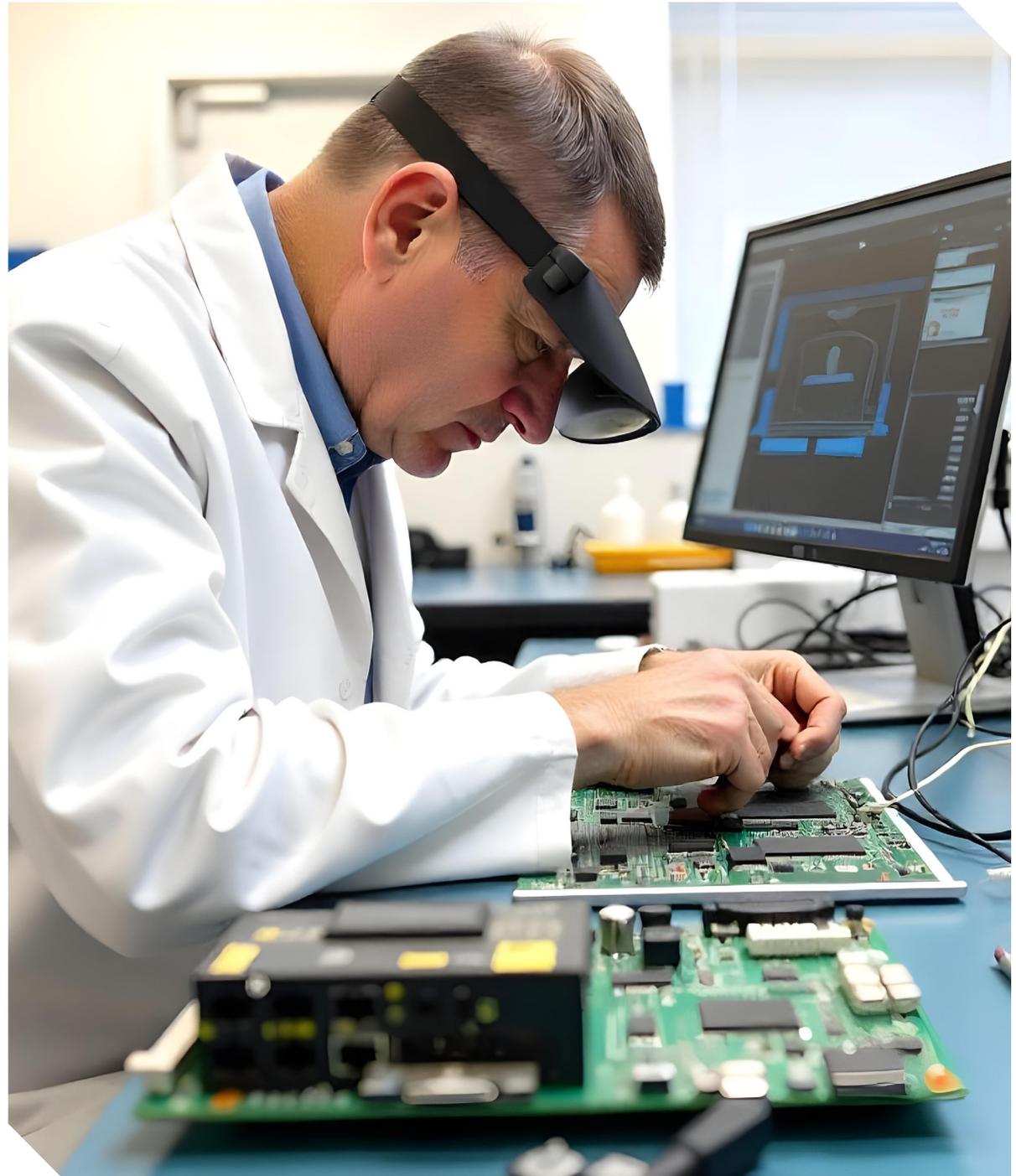


Russian Production

Company **VINTECH** has launched the production of Russian copper-clad laminate and prepreg under its own trademark - «**ELIMTEKH**», which are excellent for use in PCB manufacturing.

Since 2024, metalworking tools have been manufactured under the own brand **VinSteel**: drills, end mills, carbide inserts.

These initiatives are aimed at supporting domestic production and meeting the growing demand for high-quality materials in various industries, contributing to the independence and development of the Russian economy!





ЭЛИМТЕХ

Manufactured in Russia, the «ELIMTEKH» material is produced in two series, MB-155 and MB-175, with medium 155°C and high 175°C glass transition temperatures.

The material is fully compatible with lead-free technology, making it an ideal choice for manufacturers striving to meet modern environmental standards. The excellent heat resistance of the material allows it to retain its properties even under extreme temperature fluctuations.

The copper-clad laminate meets the strict requirements outlined in Technical Specifications TU 23.1412-014-01011553-2023 and TU 23.1412-016-01011553-2023, and the prepreg meets the requirements of TU 23.1412-015-01011553-2023 and TU 23.1412-017-01011553-2023.

The CCL is available in a wide range of thicknesses – from 0.05 mm to 3.0 mm, with foil 18 or 35 microns.

Key Characteristics:

- Glass Transition Temperature (T_g) 155°C or 175°C, depending on the material series
- Compatibility with lead-free technology
- Resistance to Conductive Anodic Filament (CAF) formation
- Excellent heat resistance
- Foil material complies with TU 23.1412-014-01011553-2023 for MB-155 series and TU 23.1412-016-01011553-2023 for MB-175 series
- Prepreg complies with TU 23.1412-015-01011553-2023 for MB-155 series and TU 23.1412-017-01011553-2023 for MB-175 series

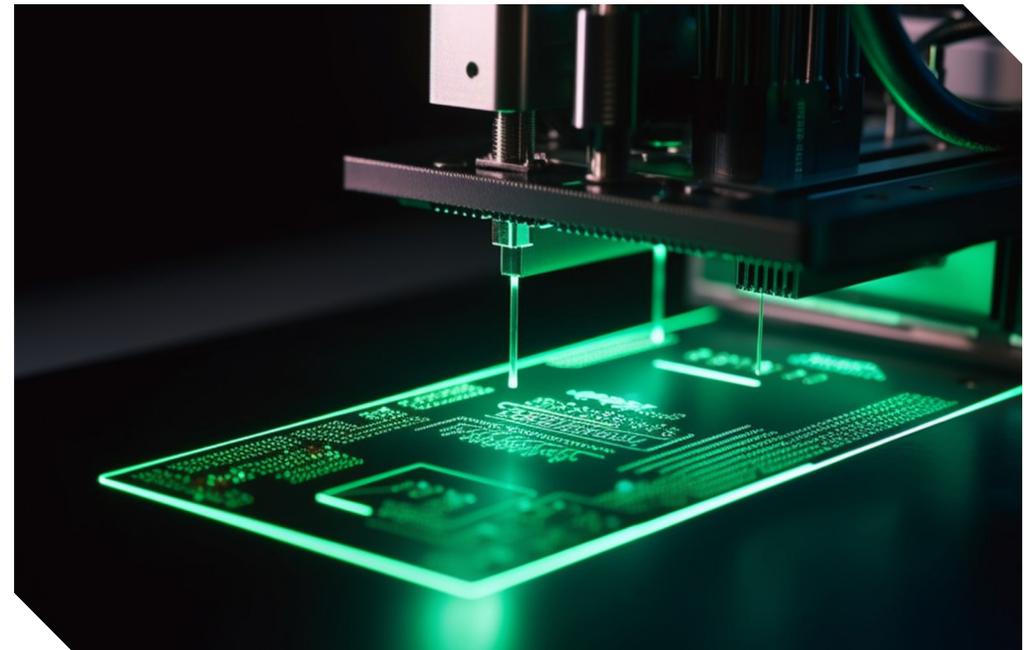
Application: Production of single-sided, double-sided, multilayer printed circuit boards.

Supply Form

- Dielectric thickness from 0.05 mm to 3.0 mm
- Foil thickness 18 and 35 microns
- Supply of CCL in sheets sized 1070*1220 mm (base on the 1070 mm side), supply in cut panels is possible
- Supply of prepreg in rolls 1.055 m wide and 250 m long
- Supply of CCL and prepreg in cut panels is possible

Supply of other formats and thicknesses is possible upon agreement

Complies with GOST 26246-89





Metalworking requires reliable and precise tools capable of handling various tasks – from rough machining to fine, high-precision cutting. The «**VinSteel**» trademark is designed for professionals who value quality, durability, and stability in every cut.

Our tools are manufactured using modern technologies and materials, allowing them to work effectively with a wide range of metals – from soft (aluminum, copper, brass) to the hardest (stainless, tool and alloy steels, titanium).

VinSteel Tool Range

- Drills – spiral, step, and core drills for precise drilling without overheating or deformation. (With and without coolant channels)
- End Mills – for milling slots, contours, and planes.
- Turning Inserts – replaceable carbide inserts for turning, boring, and grooving.
- Taps – machine and hand taps for cutting precise threads in blind and through holes.
- Reamers – for finishing holes with minimal tolerances.

Processed Materials

- Soft metals and alloys – aluminum, copper, brass, bronze (ideal cut finish without sticking).
- Structural steels – carbon, low-alloy (high processing speed).
- Hard and viscous alloys – stainless steel, titanium, heat-resistant alloys (wear resistance).

Key Advantages of VinSteel

- Wear Resistance – use of hard alloys and protective coatings increases tool life.
- Precision – strict geometry control ensures stable results.
- Versatility – one tool for different operations and materials.
- Cost-Effectiveness – reduced costs due to long service life.





ВинСолдер

We are pleased to introduce our new own trademark for soldering materials **«VinSolder»** – products of the highest quality with minimal impurity content and affordable cost. Our materials are manufactured on modern equipment in strict accordance with technical requirements, guaranteeing their stability and effectiveness under any operating conditions.

High and Stable Quality

Thanks to state-of-the-art production methods, our soldering pastes, solders, and fluxes provide excellent adhesion, a minimal number of soldering defects, and durable connections.

Composition Purity

The reduced impurity content in **«VinSolder»** materials minimizes the risk of oxidation and improves conductivity, which is especially important for critical electronic components.

Strict Quality Control

Each product batch undergoes laboratory testing and complies with the international standard ISO 9001:2015 (Note: corrected from likely typo 2000), confirming its reliability and conformity to stated characteristics.

Affordable Price Without Compromises

We offer the optimal balance of price and quality, making professional soldering materials accessible to a wide range of consumers.

Our mission is to meet your expectations!

«VinSolder» - is not just soldering materials, but a guarantee of stable results in the production, repair, and assembly of electronics. We strive for our customers to receive products that not only meet but exceed their requirements.

Choose **«VinSolder»** – for flawless soldering and durable connections!



Licenses and Certificates

- ▶ Certificate of Conformity GOST RV 0015-002-2020. GOST R ISO 9001-2015 «MILITARY STANDARD»
- ▶ Membership Certificate of «VINTECH» in the Association of Developers and Manufacturers of Electronics
- ▶ Certificates of Registration for the own trademark of copper-clad laminate «ELIMTEKH»
- ▶ Certificates of Registration for the own trademark of metalworking tools «VinSteel»
- ▶ Diploma for winning the ELECTRONICA award in the «DEVELOPMENT OF PRODUCTION LOCALIZATION» category



Our Manufacturers / Partners

 **VINSTEEL**



GDM金安国纪



BERGQUIST



HPTEC



Client Reviews



Dear Alexey Olegovich!

Thank you to the team of LLC «Vintech» and you personally for successful and fruitful cooperation in supplying production for fulfilling state defense orders.

During our work, LLC «Vintech» has proven itself as a reliable supplier of materials and equipment for printed circuit boards.

АО «НПО автоматики»



JSC «ELARA» expresses deep gratitude and sincere appreciation to the company LLC «VINTECH» for the high-quality and timely supply of materials for the manufacture of printed circuit boards.

We express confidence in the preservation of the established friendly relations and hope for further mutually beneficial and fruitful cooperation.

We wish production success, economic and financial well-being, and strengthening of relations for the benefit of our enterprises.

JSC «ELARA»



Branch of JSC «NPTSAP» «Sosensky Priborostroitelny Zavod» has been purchasing materials for PCB production from LLC «VINTECH» in recent years. The quality of the purchased materials always meets the requirements for products used in the production of our enterprise's goods.

We especially note the high professionalism of the company's employees. All issues are resolved very promptly, in the interests of the buyer. The ordered products arrive within the terms established by contractual obligations, allowing us to plan the production process without delays.

We definitely recommend LLC «VINTECH» as a reliable partner.

**JOINT STOCK COMPANY
«SCIENTIFIC AND PRODUCTION CENTER FOR
AUTOMATION AND INSTRUMENT ENGINEERING
named after academician N.A. PILYUGIN»
(JSC «NPTS AP»)**

Contacts

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BRANCH:

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PRODUCTION AND WAREHOUSE FACILITIES LABORATORY:

142181, Moscow Region, Podolsk Urban Okrug, Podolsk, Klimovsk District, Kommunalnaya St., 42, Premises 5

PRODUCTION:

142181, Moscow Region, Podolsk Urban Okrug, Podolsk, Klimovsk District, Kommunalnaya St., 42, Premises 5

FINISHED GOODS WAREHOUSE:

142181, Moscow Region, Podolsk Urban Okrug, Podolsk, Klimovsk District, Kommunalnaya St., 42, Premises 4

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