



MRO & AVIATION

Products and manufacturing services



Who we are, what we do

over **35**
years of experience

140+
specialists

4
locations

4000 sqm
production area

Semicon Sp. z o.o. is a Polish center of technology and engineering excellence that has been setting standards in specialized component distribution and advanced contract electronics manufacturing (EMS) for over 35 years. As an innovative company with family roots, we combine a passion for engineering with rigorous international standards, delivering solutions of the highest reliability for the aerospace, space, and defence sectors. Our credibility is anchored in our AS9120 Rev B certification which, combined with the expertise of a team of over 140 specialists, ensures top quality even in projects of extreme complexity.

The foundation of our operations is a commitment to total supply chain continuity and cost optimization at every stage - from New Product Introduction (NPI) to full-scale serial production. We are distinguished by exceptional flexibility and a partnership-driven business model. We facilitate sample acquisition for R&D departments and base our long-term cooperation on precise forecasting and stable framework agreements, giving our clients operational security in an ever-changing global market.

Our modern logistics infrastructure features strict temperature and humidity control, specialized freezers, and full capabilities to handle hazardous materials in accordance with international safety protocols. To meet specific technological demands, we also offer advanced converting services, providing precision-cut tapes and foils tailored to exact dimensions for seamless integration into our clients' production processes.

By choosing Semicon, you gain not just a supplier, but a technological partner who takes responsibility for the entire product lifecycle. We guarantee full component traceability, dedicated engineering support, and the unwavering stability essential for mission-critical projects where precision meets safety.

Certificates

Semicon's Integrated Quality Management System is confirmed by the following certificates:



PN-EN ISO 9001:2015
PN-EN ISO 14001:2015
AQAP 2110:2016



MSWIA Concession

Licensed by the Polish
Ministry of Interior
and Administration



| Special materials

Composite materials

- adhesives
- prepregs
- dry fabric

Honey-comb

- core fillers
- edge fillers

Protective tapes against abrasion and erosion

- radar boots
- belly
- leading edge



| Testers

Test equipment

- MK test
- DeMarchiori / DMA
- CAMI Research

| Special tools

Crimping and assembly tools for harnesses

- DMC
- Astro
- Rennsteig

Tools & toolbox

- FOD protection
- pneumatic drills
- hand tool sets
- drawer tool trolleys





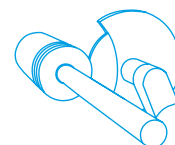
| Tapes

Aerospace | Industrial | Defence



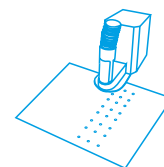
- Masking
- Protective
- Carpet
- Floor sealing
- Damping
- Antislip
- Aluminium
- Double side
- Cargo liner
- Corrosion protective
- Adhesive Transfer
- Applicators & tools

TAPE CONVERTING LINE



Cutting tape rolls

- Maximum logroll length: 1700 mm
- Minimum cut length: 6 mm
- Cutting accuracy: 0.1 mm
- Maximum logroll diameter: 430 mm



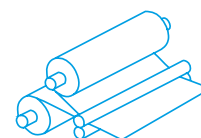
Cutting

- Working area 1330 mm x 830 mm
- Cutting difficult materials
- Cutting of adhesive films
- Cutting foams and other materials
- Filter extraction



Matrix punching

- Material thickness
- Working area 300 mm x 300 mm



Lamination

- Working width max 1600 mm





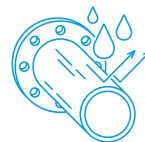
| Chemicals

Aerospace | Defence | MRO | Industrial



- Sealants
- Penetrants
- Greases
- Adhesives
- Gaskets
- Silicones
- Degreasers
- Cleaning agents
- Surface treatment
- Coolants
- Abrasives
- Primers
- Corrosion inhibitors
- Applicators & tools

APPLICATION



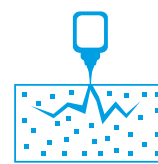
Anti-corrosion products
Protection in the form of dry, wet and wax coatings



Cleaners/degreasers
Fast and slow evaporating solvents, aqueous (alkaline and acidic)



Anti-seize greases/paste
Available in aerosols, cartridges, canisters, cans



Adhesives/Sealants
Epoxies, polyurethanes, silicones

3M

MOMENTIVE

FIRMITÉ
LUBRICANTS

Henkel

DYKEM

LPS

INVENTEC
PERFORMANCE CHEMICALS

PSA
a Schlumberger Group company

HUNTSMAN

NYCO
Solutions ahead

Nycote

LOCTITE
BONDERITE
TECHNOMELT

BOSTIK

CLICK BOND

ZIP
CHEM

FREKOTE

EZGRIP
Get a Grip!
FRICTION ENHANCER



| Applicators & mixers

Sealants and epoxy applicators

- pneumatic
- manual

Sealants mixers

Dispensing needles

Dispensing nozzles



| Painting

Surface preparation

- abrasive discs

Sealant removers

Sanding screens

Spray guns

Orbital sanders

| Health & safety



Personal Protective equipment:

- half masks
- full-face masks
- filters
- gloves
- eye protection
- hearing protection
- fall protection



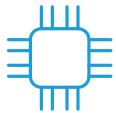


Other Semicon business areas



Distribution

- Electronic and electromechanical components
- Materials for electronics and other industrial branches
- Certified materials for aviation, defence
- Measuring accessories, test probes
- Tools for the electronics industry



Electronic Contract Manufacturing (EMS)

Flexible manufacturing, from NPI to production series, ensuring bare PCB and component procurement.

- SMT and THT assembly to IPC-A-610 class 2/3
- Full quality control: AOI, X-Ray, Flying-Probe, Ionic contaminations
- PCBA cleaning and conformal coating
- Tape & Reel packaging, PCBA repairing & BGA reballing



Optoelectronic equipment manufacturing

- Laser modules: line, cross, spot
- Laser holders & positioners
- Box build



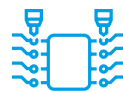
Laser cutting of SMT stencils

- Stencils on aluminium frames, VectorGuard and self-tension systems
- Long stencils for LEDs
- Micro stencils for reballing
- Step stencils (variable thickness) – milling, micro welding
- Nano coating stencils
- Precise laser-cut mechanical components



Tapes converting

- Rolls, tapes and velcros slitting, die-cut, kiss-cut, laminating



In-Circuit test fixtures (ICT) and functional testers (FCT)

- Designing and building adapters with testing probes
- Test systems dedicated for customer projects



Wire harness production

- Short series
- Wires and cables processing from #36 to #10
- Customization & design
- Box build

Member of

- Aviation Valley Poland
- Global Electronics Association
- Polish Chamber of Commerce for Electronics and Telecommunications
- Polish Space Industry Association
- Polish Technological Platform on Photonics
- Microelectronics, Electronics & Photonics Cluster



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WARSAW

- Headquarters and R&D Department
- Electronic Manufacturing Services
- SMT Laser Cut Stencils Manufacturing
- Main Warehouse

