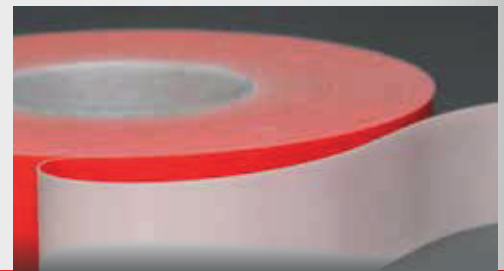
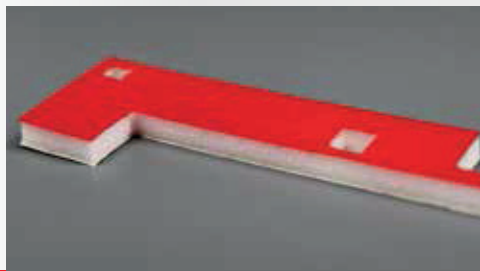


SMS Converting



Bonding · Gasketing and Sealing · Insulation · Conductivity · Security · Warning Signs · Labeling and Marking



We create added value for you.

SMS Converting offers you the services of an expert partner to improve your manufacturing and logistics processes, implement product innovations, optimize product design, solve safety problems, assist with quality assurance, or label your products for marketing campaigns and many other requirements. A variety of international small and medium-sized businesses, as well as industry customers, rely on the know-how and problem-solving skills of our engineers and specialists.

We have been developing our expertise since 1972. It includes consulting services, support for your R&D and engineering activities, prototyping and the production of customized self-adhesive solutions. A wide range of self-adhesive merchandising goods completes our portfolio.



We provide advice during your R&D phase and assist you until a solution has been identified.

We can advise you on finding a high-performance solution for tasks in the fields of electromagnetic interference (EMI), electromagnetic shielding (EMS), electrical insulating or conductive materials, thermally conductive connections, adhesive gaskets, vibration damping, inventory labels and identification plates, calibration and inspection labels or warranty seals and safety labels.

SMS Converting products meet a range of standards and guidelines. Our company is ISO 9001 certified for quality management and holds UL and CSA certifications.

Please contact us:
kontakt@klebeteam.de
or call +49 8141 35356-0

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Our strengths, your advantages



Production runs ≥ 0

We develop prototypes and offer small-scale production runs.



Suppliers >10

We use materials from a variety of leading manufacturers.



Minimum order quantity ≥ 1

We deliver without any MOQ.



R&D >50

We advise on more than 50 R&D projects a year.



Lead time $\leq 1;5;9$

We offer flexible delivery times that are adjusted to your requirements.

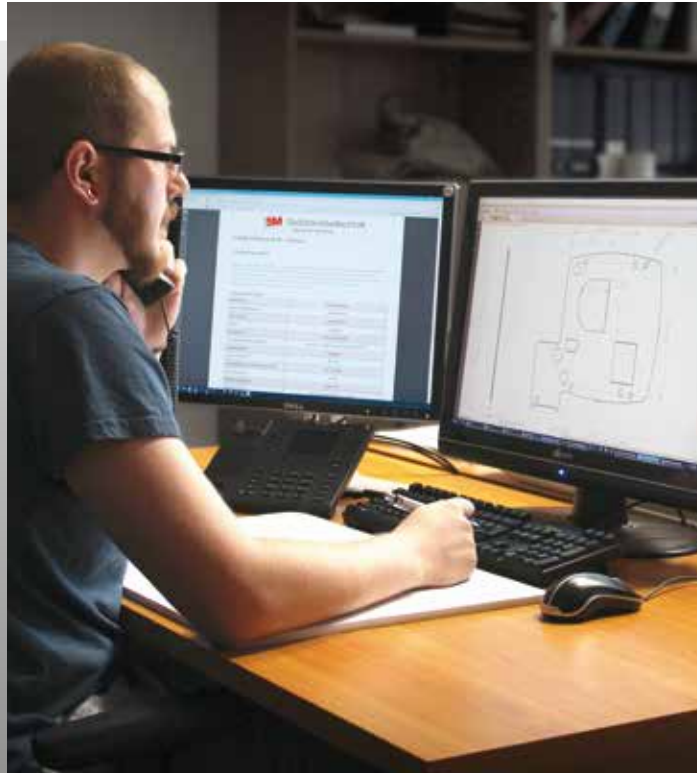


Response time ≤ 1

We respond to your inquiry within one day.



Do you need to replace classic connection and joining methods such as bolting, riveting or welding with self-adhesive technologies? Is your R&D department facing unsolved problems when designing new components? Do you wish to optimize production processes by using adhesive solutions? There are many reasons to get in touch with our engineers and specialists. We assist you at every stage, from the initial idea through to mass production without any commitment to pass an order.



Consulting

Every year, SMS Converting advises customers from many sectors of industry on more than 50 R&D projects. You can call on this experience to assist with reliable and fast new product development and gain decisive competitive advantages.

Our specialists define the development targets with you, specify the requirements as far as self-adhesive technologies are concerned, and inform you of the advantages as well as the performance limits.



Material specification

Due to the large number of films and tapes we stock, we offer a very wide range of high quality materials. Our decisive advantage is that we can choose freely from this range, as we are independent from our suppliers. Samples can usually be provided on very short notice.



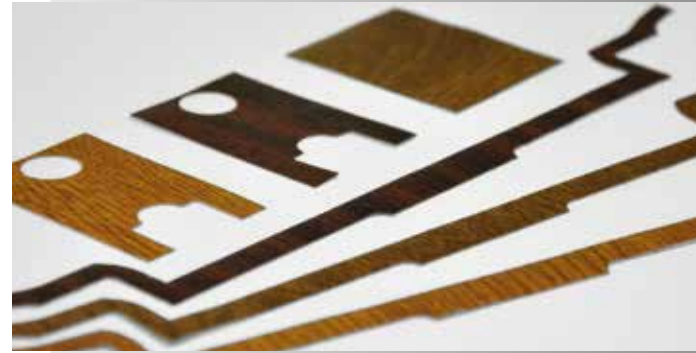
Prototyping

Based on your requirements, design and construction documents, we will provide you with suitable recommendations. With your approval, we manufacture unique specimens or can launch pre-production runs that are fast and cost-efficient. Our engineers and specialists assist you in optimizing the prototypes until the product is finalized.



Production runs

SMS Converting offers expert production services for anything from single units to mass production, even for just a few units. Our product solutions are fast, reliable, high quality and always tailored to meet your requirements.



Die-cut parts

Based on your requirements we develop and manufacture die-cut parts from single-sided and double-sided adhesive tapes, as well as from non-adhesive synthetic materials and elastomers, in order to optimize your production process.

Technical facilities for manufacturing die-cut parts

- kiss-cutting, die cutting, slitting, grooving, perforating, stamping
- with band steel, tools, die cutting metal sheets or cylinders
- flat bed, digital and laser die cutting for sheet processing die-cutting formats up to 1,000 x 600 mm
- rotational or flatbed die cutting for roll processing die-cutting formats up to 700 x 500 mm

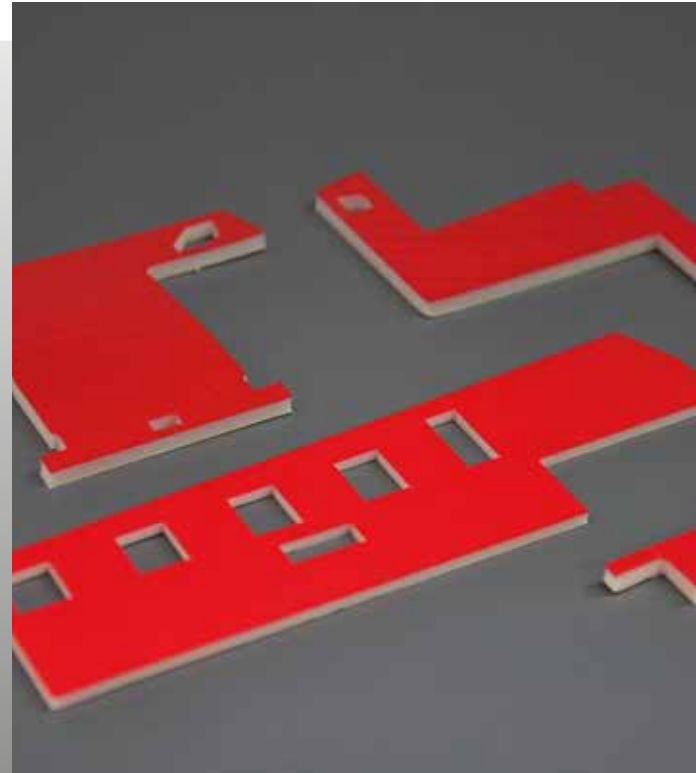
Advantages of die-cut parts

Die-cut parts offer major advantages when coordinated with the automation process. They can be directly integrated into the production chain and processed immediately. SMS Converting supplies a wide range of standard formats. We can also handle special formats with reasonable tooling costs. We produce high-precision die-cut parts with no minimum order quantity.



Self-adhesive gaskets

In order to seal touch panels, displays or housings against moisture and dust we manufacture die-cut parts from self-adhesive EPDM, foam rubber, neoprene, NBR or SBR rubber, starting from 0.1 mm of thickness. The adhesive tapes can be converted into die-cut adhesive frames or sealing cords.

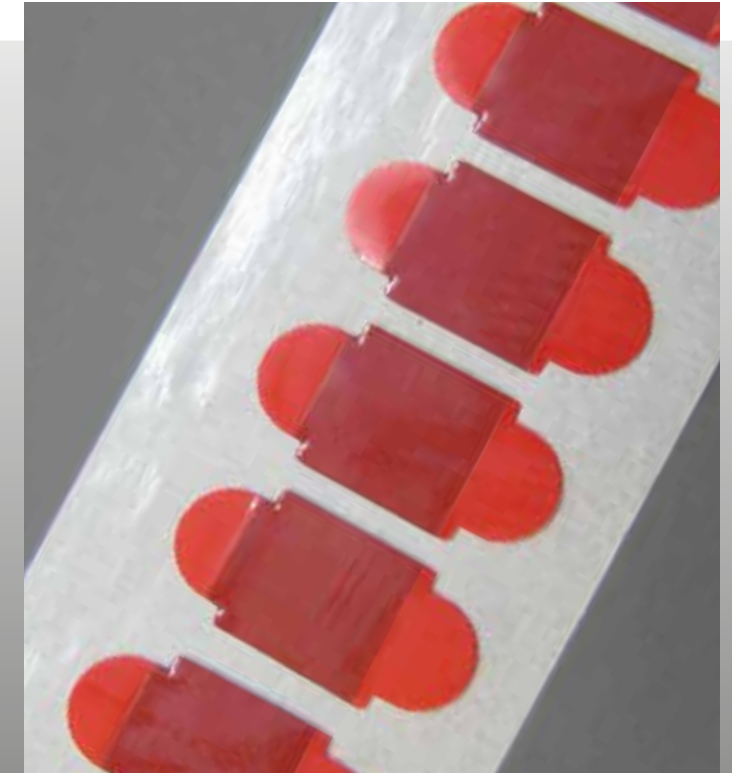


Glass panel connections for monitors, touch screens and mobile phones are made from punched die-cut frames using 3M VHB Acrylic Foam, Coroplast SPT, Tesa ACX or Avery AFB high-performance adhesive tapes. These die-cut parts provide waterproof, solvent-resistant and reliable bonding.

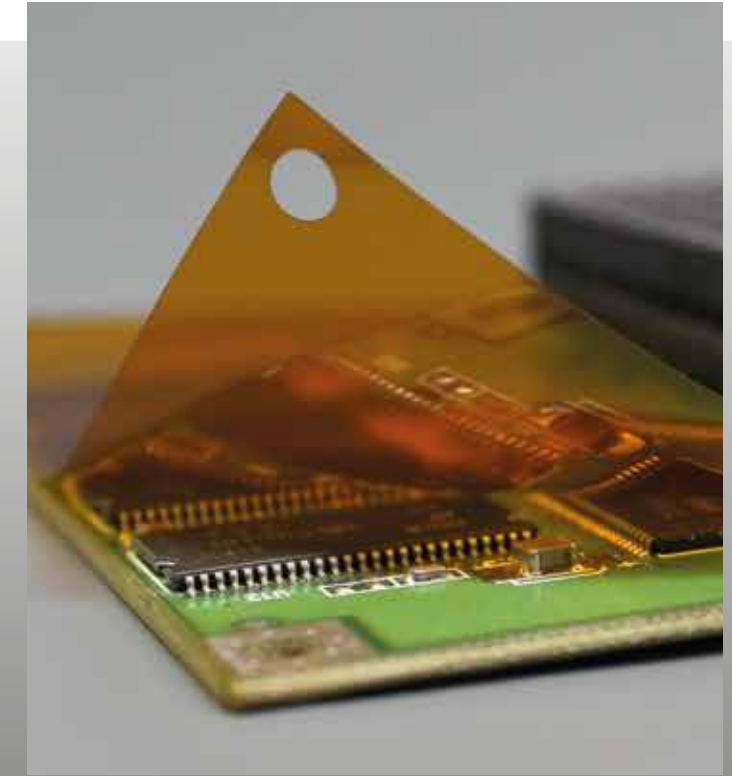
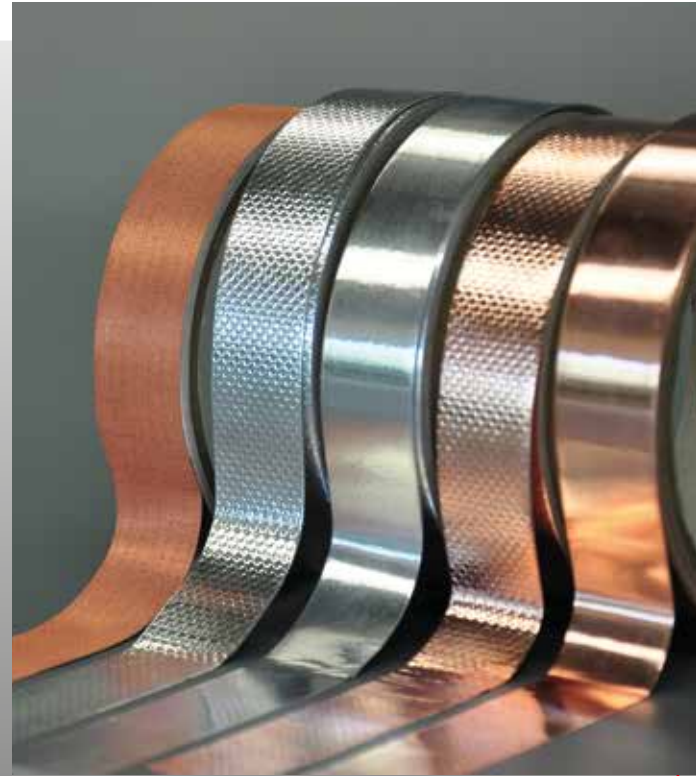
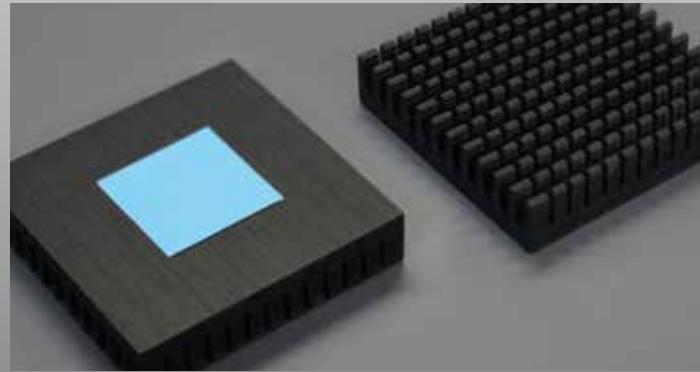
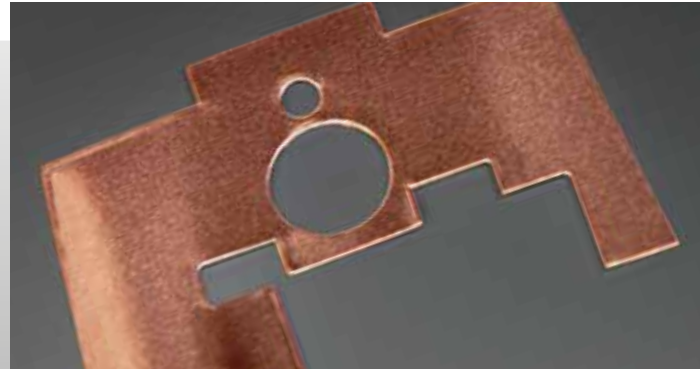


Self-adhesive dots, circles and pads

We manufacture self-adhesive dots, circles and pads from 3M Scotch-Mount foam adhesive tapes, Tesafix adhesive tapes, transfer adhesive tapes and 3M VHB Acrylic Foam. These products are available on rolls or sheets with pull-off aids or as single parts with slit release paper.



Our materials are listed according to VDE and UL standards. They are suitable for isolating electronic components, for connecting electrical or thermal contacts as well as for discharging and shielding from electrostatic charges.



Conductive adhesive tapes and die-cut parts

electrically conductive materials:

- copper-nickel fabric adhesive tape
- aluminum-adhesive tape, flat or stamped
- copper-adhesive tape, flat or stamped

double-sided, conductive adhesive film:

- with isotropic electrical conductivity
- with anisotropic electrical conductivity

thermally conductive materials:

- silicone and acrylic pads with maximum thermal conductivity
- thermally conductive adhesive films for mechanical bonding

Insulating adhesive tapes and die-cut parts

All materials can be provided with and without adhesives as a roll, as pre-cut or die-cut parts.

- PVC adhesive tapes
- PIB insulation tapes (self-amalgamating)
- PC films (Makrofol, Lexan)
- PETP films (Mylar, Hostaphan)
- PP films (Formex)
- PTFE films (Teflon)
- PI films (Kapton)

Insulating foils made of polycarbonate (Lexan or Makrofol), polyester (Mylar), polyimide (Kapton), and polypropylene (Formex) can be coated with adhesive tapes at your request and converted into die-cut parts and outline cuts.

Our die-cut parts that are manufactured using UL-listed electrical insulation films prevent disruptive voltages and are self-extinguishing.

Bumpers and bumpers

Our bumpers and elastic bumpers have a wide range of applications, e.g. as device housing feet, spacers or for vibration damping.

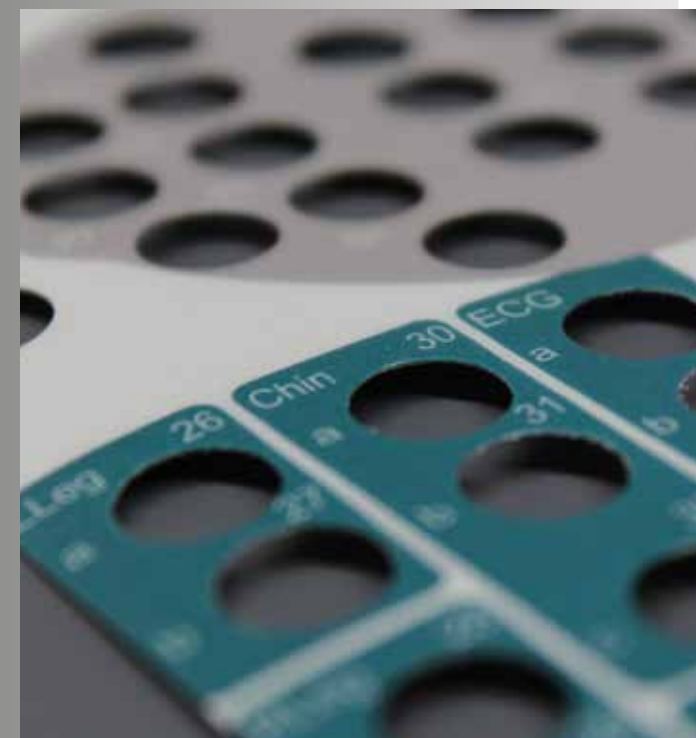
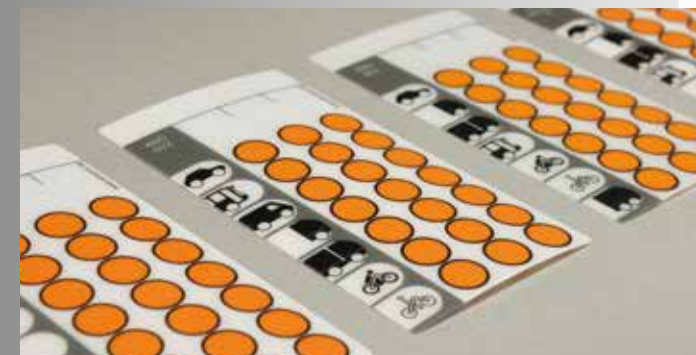
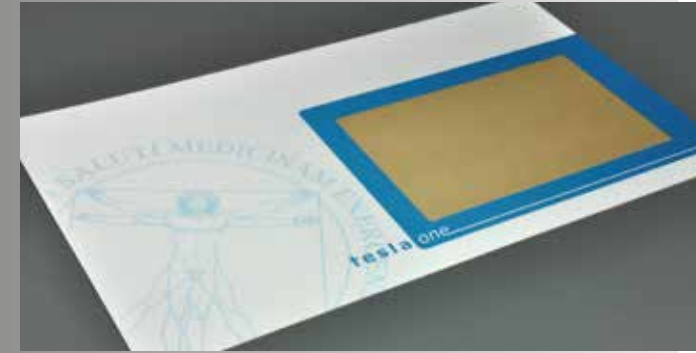
- permanent flexibility and no embrittlement
- permanent acrylate adhesive
- anti-slip or sliding
- high abrasion resistance
- transparent and colored types available
- wide range of standard formats
- customized die-cut parts and shapes



Traction tape

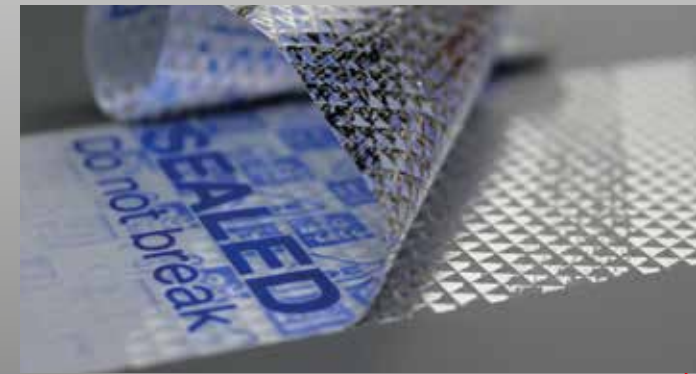
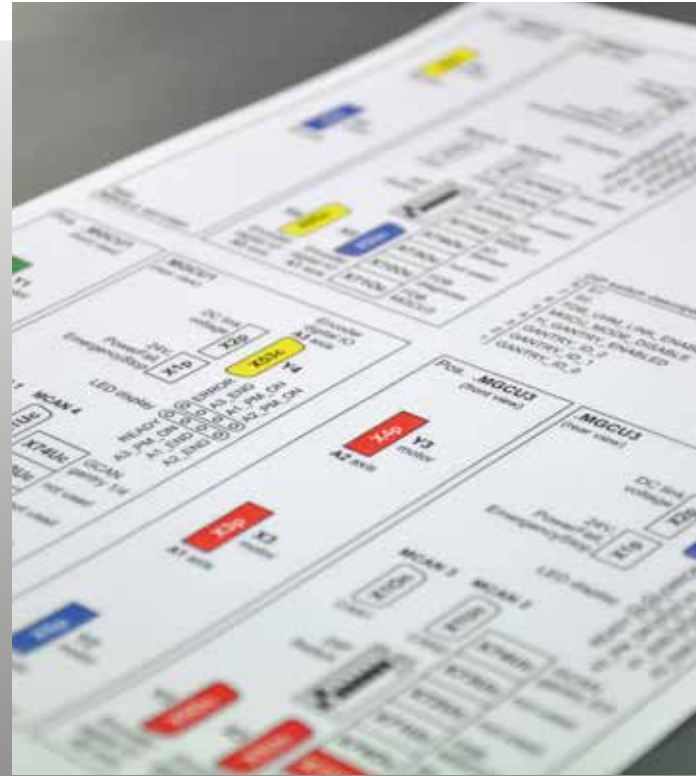
Traction tapes can be used for wrapping cylinders as well as deviating rollers or as slip-resistant pads.

- nubby or flat design
- high traction and anti-slip effect
- highly adhesive-repellent surface
- available as die-cut parts or on rolls



Front panels

Our front panels are made from high-quality plastic materials coated with adhesives and can tolerate extreme strain. Their surfaces are scratch- and wipe-resistant, and are built to withstand heavy industry requirements. Control elements within the panels are die-cut while backlit areas are printed with translucent colors. Recesses for adhesives or stampings are technically feasible. Front panels can be employed as keypads with different spacers or as casing covers with die-cut connections.



Labels

Virtually all products today come with some kind of identification marking, be it in the form of nameplates or reference labels, manufacturer's data or warning symbols, promotional stickers or brand names.

We manufacture according to your specifications or advise you on defining the best solution. From single labels to high-volume production runs, we can produce your labels using conventional printing methods such as letterpress, screen printing, flexoprinting, thermal transfer printing, offset or digital printing. We offer a wide range of materials, from simple paper labels to scratch- and solvent-resistant high performance films with pressure sensitive adhesive (PSA).

Labels can also be manufactured with static or dynamic barcodes and safety features such as tamper protection. We process UL-certified materials, subject to your approval.

Die-cut parts are delivered according to your requirements on rolls, strips or sheets. Kiss-cut and die-cut labels can be equipped with a pull-off aid or a rear slit for easy processing.

Safety labels and warranty seals

Safety foils cannot be removed without a trace. Any attempt to tamper with the label will destroy it or leave behind letters or symbols on the protected material. We can manufacture customized safety labels for you, for example with your company logo printed on holographic foils.

Parking permits

SMS Converting manufactures company-specific parking permits and access authorizations. Safety features can be integrated and the labels can be personalized in compliance with data protection regulations.



Inspection labels

SMS Converting provides inspection labels for both temporary and permanent marking. These labels can be produced in heat-resistant quality on request.

Security foils and tamper evident materials that display a triangle, void, or checkerboard are frequently used. These leave patterns or destroy themselves when tampered with. For example, we manufacture inspection labels that comply with electrical installation and equipment regulations, trade standards for ladders and steps, and accident prevention regulations. In addition, we produce base labels, which allow for the detachment and replacement of inspection labels.



Inventory labels

SMS Converting supplies both printed and blank inventory labels. The blank labels can be printed upon using thermal transfer or laser printers. In addition to standard inventory labels, our labels can be manufactured in scratch-resistant, permanent, detachable, temperature-resistant qualities or with safety foil. For this purpose, we use a variety of materials such as triangle, void or checkerboard foils, which provide optimum protection against attempted tampering.



Type and device identification labels and plates

Type labels provide important information about your products, such as the manufacturer's certificate, machine and device information, technical performance data, technical diagrams or operating instructions. High-quality solutions enable you to display brands and logos on your products. We realize your corporate design and meet your requirements.

We offer a variety of materials as a starting point for your marking, such as synthetic materials, metals and composite materials. From a basic vinyl lettering to a bolted or riveted metal plate, our markings are permanent and, if required, resistant to chemicals or abrasion- and scratch-resistant.



Vinyl film lettering

Our modern plotters cut your lettering and logos with high accuracy and reproducibility in colored, self-adhesive foils. After weeding, the film plots are covered with an application tape or paper to ensure trouble-free transfer. A comprehensive portfolio of films made by leading manufacturers enables us to cover your color specifications.

Furthermore, the required adhesive strength as well as requirements concerning weather resistance or the problem-free removal of temporary applications are taken into account. We can deliver standard and small-scale production runs quickly and efficiently, including single units.

