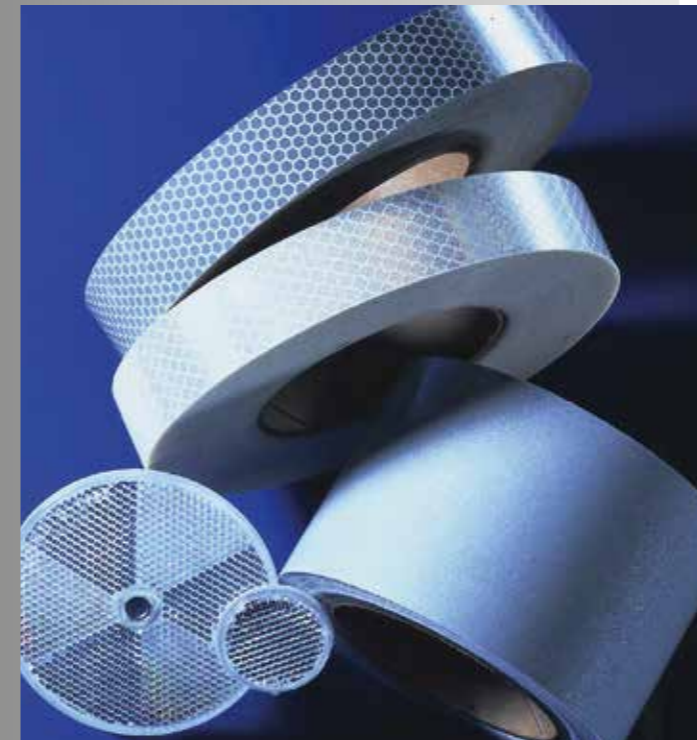




**Barcodes and 2D barcode labels**

We manufacture barcode labels to identify goods and capital assets. Due to the large amount of information the barcodes contain, our labels are also suitable for monitoring maintenance intervals or insurance purposes. We produce your barcode labels with individual texts, logos, in customized sizes and shapes, and materials corresponding to your specific requirements. Linear barcodes, e.g. Code 39 or Code 128 specification, can be used, as well as 2D systems such as QR codes or the GS1 DataMatrix.



**Retroreflective labels**

For marking in high bay warehouses and for other long-range scanning applications we manufacture labels from retro-reflective foils. The barcodes printed on these foils are easily readable from long distances. A protective laminate ensures that the labels last for a very long time.

**Solvent-resistant labels  
Labels for explosion hazard areas**

These labels have neither a protective finish nor a laminate and can thus be printed by you. A special combination of labeling material and ink ribbon for thermal transfer printing means we can provide you solvent-resistant labels for a variety of difficult surfaces and use in environments where there is a risk of explosion.

The labels are resistant to:

- acetone
- MEK
- toluene
- heptane
- motor oil
- brake fluid and many other substances.

Solvent-resistant labels are therefore used in different industries, such as the electronics and chemical industries, as well as for medical equipment, vehicle manufacturing and aerospace equipment.





#### Domed labels and 3D labels

A three-dimensional lens is poured on these particularly high-quality labels. In addition to the exceptional color brilliance, domed labels are characterized by excellent resistance. They are particularly suitable for company badges and logos, as well as keyring pendants.

By processing a special PU-resin in combination with various adhesives and support materials, our 3D labels have advanced impact, weather and UV resistance, as well as a viscoelastic consistency. Domed labels are manufactured with customized adhesive power.

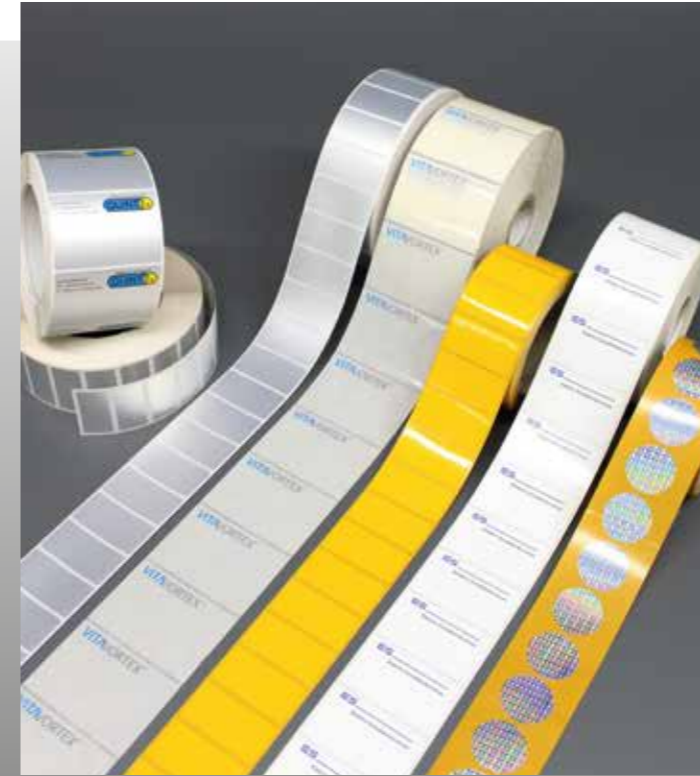
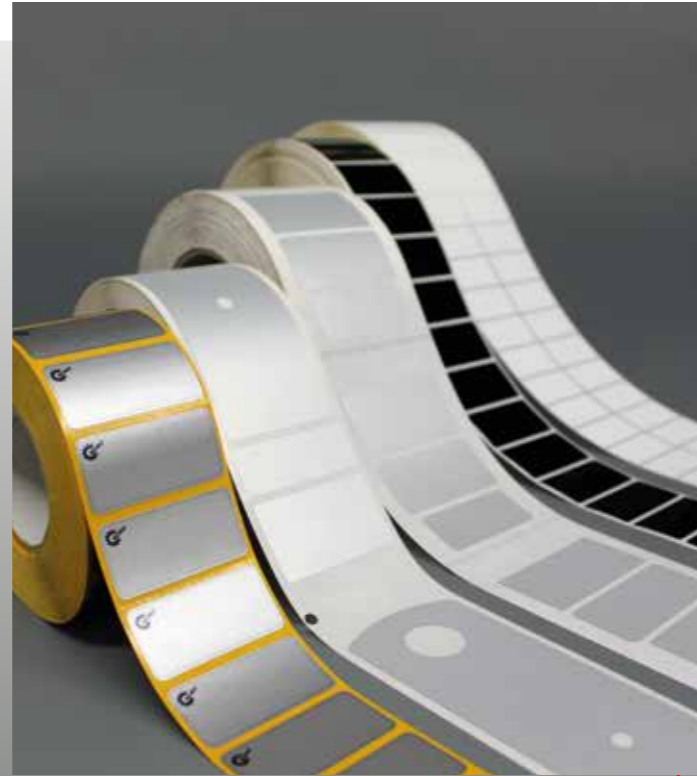


#### Relabeling foil

Labels attached to relabeling foil can easily be removed and replaced without residue, even after a long time. Containers can thus be labeled over and over again, without scraping off the old labels. Re-labeling works in virtually no time at all, and flawed readings are avoided.



You can keep your previous labels and use them on colored or transparent relabeling foil. Serial numbers, company or warehouse locations or logos can be included on Relabeling foil. Layout, format and quantities are freely selectable. Relabeling foil is also available in weather-resistant quality.



### Thermal transfer printing

SMS Converting produces blank and partially printed labels in optional formats and roll dimensions to allow for customized marking with your thermal transfer printer, regardless of its brand or make. The labels can be manufactured to be wipe-proof, chemical-resistant, permanent or detachable. The adhesives used are tailored to your needs and thus can be used on all surfaces. As for all of its products, SMS Converting offers single-unit production runs and there is no minimum order quantity.

### Blank labels

We can deliver blank and partially printed labels, as well as sets that allow for customized marking using your thermal transfer printer.

- any formats and roll dimensions
- individually controlled press cuts or black marks
- chemical resistant and wipe-proof special foils
- adhesives for all surfaces, both permanent and detachable
- no minimum order quantities or packaging units
- available on short notice

We use a wide range of materials to offer the right label for your requirements, for example:

- films with high temperature tolerance for printed circuit board marking
- reflective foils for high bay warehouse labels
- destructible safety foils
- holographic packaging seals
- films for device and product identification

### Ink ribbons

You can choose an appropriate ink ribbon to match the blank labels. In addition to black, ribbons are available in many other colors. Resin, wax or hybrid material ribbons can be chosen, in various sizes and with internal or external winding. SMS Converting delivers AXR 7+ and B110CU ribbon tapes, as well as many other types on short notice.

**Labels for laser lettering**

Our labels for laser lettering are unforgeable because of their abrasive laser engraving into a 2-layer composite film. They cannot be removed without deterioration. Since those labels are resistant to oil, chemicals and high temperatures up to 300°C, they are suitable for engine compartment markings, for example.



**Labels for laser printing**

SMS Converting delivers labels on sheets for all customary laser printers. As for all of its products, SMS Converting offers single-unit production runs and there is no minimum order quantity. We die cut, perforate and convert the products according your requirements.

- standard formats: DIN A3 / A4 / A5
- paper with pressure sensitive adhesive (PSA) white or colored, luminescent colors possible
- sheets out of polyester film white, silver, transparent or colored
- labels on specification kiss-cut on DIN A3 / A4 / A5 sheets



**Graphic vinyl films**

We offer a comprehensive range of films made by leading brands. The optimum processing properties of these films mean that they are suitable for all industrial and commercial applications. Coming in a wide range of opaque, translucent and transparent colors, we can support you with the ideal film for short- or long-term applications.

- wide color spectrum
- large inventory
- short delivery times
- stencil films
- application tapes
- glass decoration films
- sun protection films
- shatter protection films



**Printing films**

SMS Converting delivers self-adhesive films for any printing technology, whether screen, letterpress, offset, laser, thermal transfer or inkjet printing. The portfolio includes white, transparent and colored films, that are available with a matte or glossy finish. The films and foils are made of PVC, aluminum, PETP or PE, for example. They are suitable for both sheet and roll processing.

- destructible safety films and foils
- sealing films, tamper evident void films
- print protection laminates
- printable foils
- high-temperature foils (up to 260°C)
- reflective, phosphoric and fluoroc foils
- holographic and diffraction foils
- aluminum, Tyvek and acetate silk



#### Anti-slip tapes

3M Safety-Walk is a self-adhesive, anti-slip coating that offers long-term safety on a variety of surfaces. The coating has very high abrasion resistance and thus withstands extreme stress, both in dry and wet areas. It can be used in a variety of places, such as on ladders and vehicles, on stairs and machines, in swimming pools and in showers, wherever there is a risk of people slipping.



#### Ground and floor marking

3M Scotch-Lane self-adhesive floor markings can be used to mark driving surfaces, off-limit areas, parking lots, escape routes, industrial and indoor floors. The markings can be either temporary or permanent. The material is available on rolls or converted into die-cut marking signs, such as arrows or traffic symbols.



#### Adhesives

Adhesives enable the connection of different materials and provide corrosion protection and insulation. The flexible connections are established without weakening the material structure and with a uniform load distribution.

- SprayMount, FotoMount, DisplayMount and CreativMount
- Jet-Melt hot melt adhesives and accessories
- Scotch-Weld spray adhesives
- Scotch-Weld solvent and dispersion adhesives
- Scotch-Weld EPX system, cyanoacrylates
- Scotch-Weld protective covers
- Scotch-Weld sealants, sealing tapes
- primers and cleaning agents

Our wide selection of single-sided and double-sided adhesive tapes means we can match specifications for any use. With the benefit of our extensive experience and expertise, we will be happy to advise you on the selection of a suitable adhesive tape. We can also cut desired widths and lengths, print and prepare the tapes for use, according to your specifications and requirements.



#### Single-sided adhesive tapes

- Painting, electroplating and covering:
  - paper, crepe and PVC adhesive tapes
- Packaging and bundling:
  - filament, PP and PVC adhesive tapes
- Shield:
  - aluminum, copper and lead adhesive tapes
- Isolate and protect:
  - Kapton, PVC and PETP adhesive tapes

- Splicing and Coating:
  - silicone and Teflon adhesive tapes
- Ground marking and fixing:
  - floor tape, gaffer tape and duct tape
- Surface and corrosion protection:
  - PU and PVC adhesive tape
- Sealing, vibration absorption and soft-support:
  - EPDM, PU and PE foam adhesive tapes

... and many further special applications

#### Double-sided adhesive tapes

- Adhesive films without a liner:
  - adhesive transfer tapes for laminating signs and boards
  - ATG adhesive films for laminating forms and folders
- Double-sided adhesive tapes with a thin liner
  - for laminating synthetic materials, glass and metal
  - with different types of adhesives: strong / weak
- Double-sided adhesive tapes with a foam support:
  - for permanent fastening at trade fairs and shop fitting
  - to compensate for tolerances in adhesive joints

- Double-sided high-performance adhesive tapes:
  - for permanent indoor and outdoor connections
  - for bonding varying and low-energy surface materials
- Double-sided special products:
  - printing plate adhesive tapes, removable adhesive tapes
  - repulpable and heat-activated adhesive tapes



**Velcro and snap fasteners / 3M Dual Lock**

We stock Velcro straps, which are self-adhesive or suitable for sewing, as well as 3M Dual Lock in many widths. These straps allow quick and easy installation for tasks that previously required hooks, clips, nails, screws or other labor and time-consuming fastening systems.



**Product examples:**

- self-adhesive Velcro straps
- flexible pressure locks
- mushroom head and velour tapes, both adhesive and non-adhesive
- cable straps, also customized
- hook and loop tape on the same backing



**Applications in practice:**

- trade fair and store construction
- medical technology
- aerospace industry
- removable covers and panels
- display mountings
- holders for frequently used tools
- mounting of posters, signs, calendars or pictures

**Detachable special products**

- points and circles
- Velcro patches
- cable straps
- product samples and fasteners of folders
- inlays in injection and foam molds, e.g. for seat manufacturing
- fixation for grinding and polishing discs
- customized die-cut parts



Our modern and extensive production facility means we can respond flexibly and quickly to all inquiries. Our versatile team of specialists will process the material you provide and cut, die-cut or laminate it according to your specifications.

If you wish, we can assemble and bond your products. For example, we assemble modules or prepare bulk mailings.

We offer single-unit, small-scale and large-scale production runs: your products are manufactured quickly in accordance with your requirements.



### Cutting

We cut materials that you purchase from SMS Converting or provide, using cut-off and rewinding techniques. We make individual pieces according to your precise specifications. This includes roll cutting from widths of 2 mm to 1,500 mm with the desired length and sheet sizes.

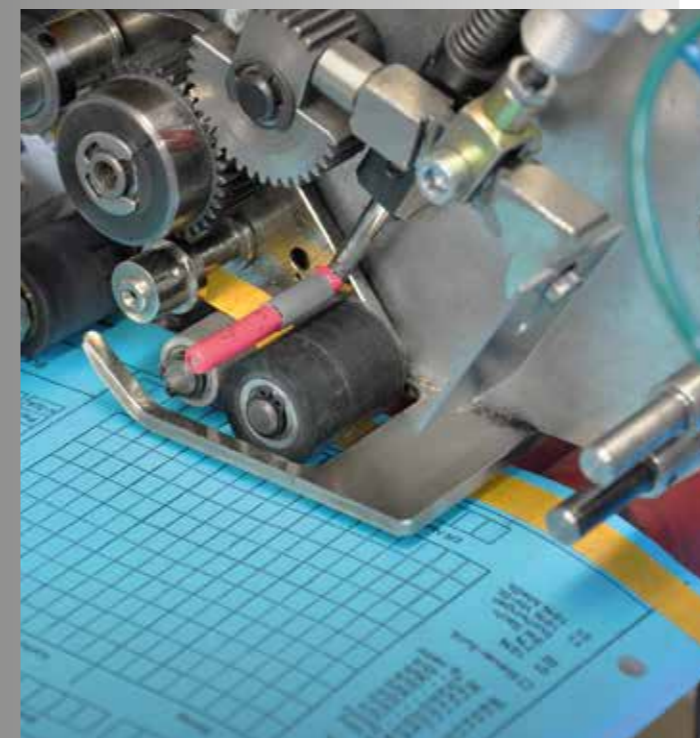
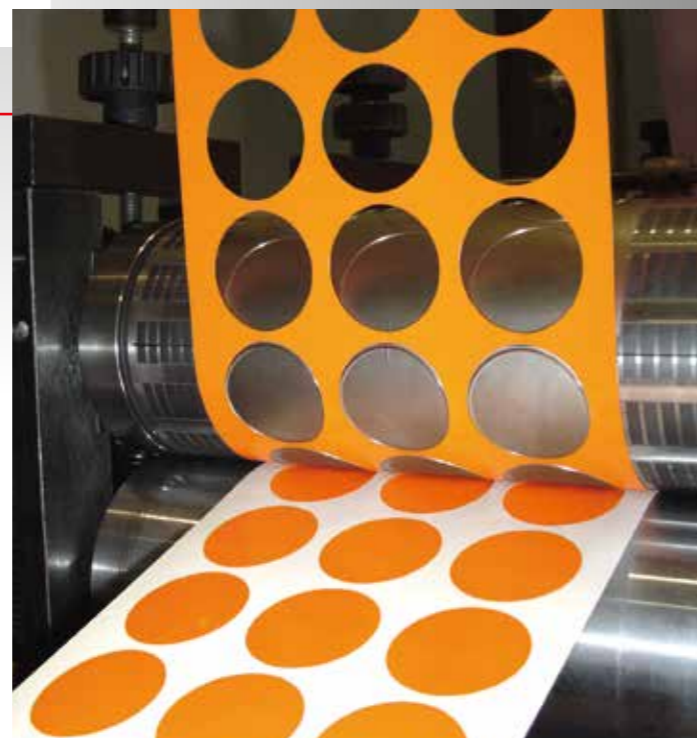


### Laminating

We laminate materials with thicknesses of 0.05 to 20 mm, using roll to roll, sheet to sheet and roll to sheet techniques and employing single-sided and double-sided adhesive materials. All films and foils up to a width of 1,300 mm can be processed. Typical applications are the finishing of rolls or plates with adhesives, protective lamination for posters, prints and images, film and foil or paper laminations, covering with application tape and protective films, as well as the finishing of film and print products.

### Die cutting

Using platens, cylinders or eccentric presses, flat-bed or rotary methods, SMS Converting die cuts roll to roll up to a size of 700 x 500 mm and sheets up to a size of 1,000 x 600 mm using digital or laser cutting. Foams, rubber and other materials with a thickness up to 20 mm can be processed.



### Adhesive tape application and lamination

We apply permanent or detachable double-sided self-adhesive tapes. These are suitable for paper, cardboard and plastics. The tape is applied directly onto your material as a continuous strip or as short spots. The upper adhesive surface is covered with protective paper for easier handling. Adhesive tape widths from 6 mm to 25 mm and a maximum sheet format of 700 x 1,000 mm can be processed.

- accounting documents and control cards
- POS flags
- survey and competition envelopes
- sample, route and inventory cards
- warning and work instructions
- presentation folders and return cards
- promotional stickers
- credit cards and membership cards





SMS Converting specializes in customized solutions in the following areas:

- gasketing and sealing
- bonding
- labeling and marking
- conductivity
- insulation
- warning signs
- safety labels.

Our aim is to optimize the business and manufacturing processes of industry, crafts and service sector customers by using films and self-adhesive tapes, and to improve product quality by applying state-of-the-art bonding methods. SMS Converting opens up numerous design and engineering possibilities, and facilitates product innovations. Efficient manufacturing processes increase your productivity and minimize your cost per unit.

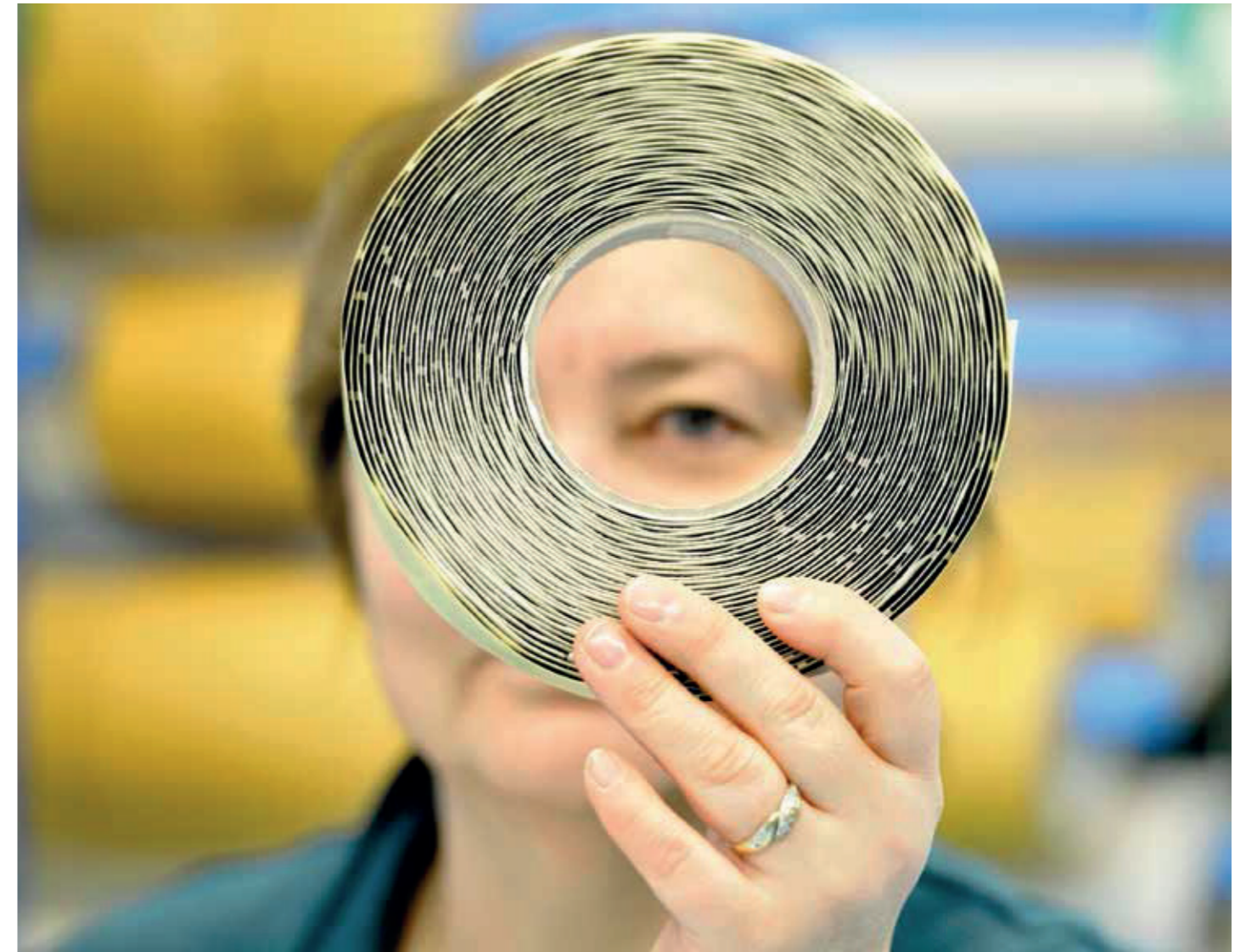
As a solution-oriented service and manufacturing company, SMS Converting supplies the automotive and aerospace industries, electrical, electronic and optical industries, medical equipment and testing equipment manufacturers, mechanical engineering companies and service providers. In addition to numerous SMEs, our customers include multinational groups such as Siemens, BMW, MAN, Airbus and Airbus Helicopters.

SMS Converting provides comprehensive consulting services ranging from the production of basic labels through to complex, customized solutions. The first step is to perform a precise problem and feasibility analysis. Our variety of production processes and our access to all leading suppliers offer decisive advantages for product development. Making prototypes and samples, and their approval by the customer, complete the design process.

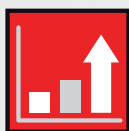
Based on the results of the design phase, SMS Converting manufactures a full range of labels, as well as self-adhesive and non-adhesive die-cut parts, from single- and double-sided adhesive tapes, films, foils and plastics.

We also offer finishing services, such as laminating and additional processing of print products, for example by die-cutting and adhesive strip application, as well as an extensive commercial assortment.

Our company is ISO 9001 certified.



Scotch™, Scotch-Lane™, Scotch-Weld™, Scotch-Mount™, Spray-Mount™, Photo-Mount™, Display-Mount™, Creativ-Mount™, Jet-Melt™, Bumpon™, Safety-Walk™, Dual Lock™ and VHB™ are registered trademarks of 3M Company. Makrolon™ and Makrofol™ are registered trademarks of Bayer AG. Kapton™ and Mylar™ are registered trademarks of DuPont Teijin Films U.S., Ltd. Partnership. Tyvek™ is a registered trademark of E.I. du Pont de Nemours and Company. tesafix™ and ACX™ are registered trademarks of tesa SE. Hostaphan™ is a registered trademark of Hoechst GmbH. Lexan™ is a registered trademark of SABIC Innovative Plastics IP B.V. Velcro™ is a registered trademark of Velcro Industries B.V.



Order quantity  $\geq 1$

Production runs  $\geq 0$

Suppliers  $> 10$

R&D  $> 50$

Lead time  $\leq 1; 5; 9$

Response time  $\leq 1$

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REACH ✓

