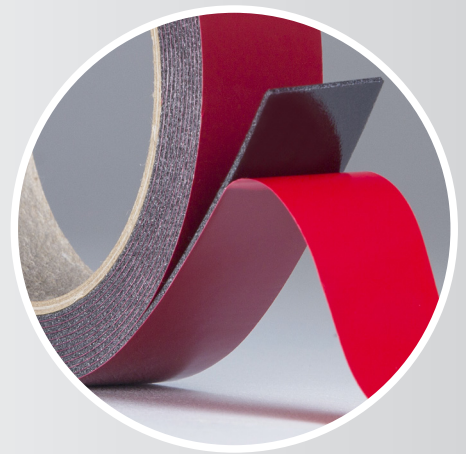
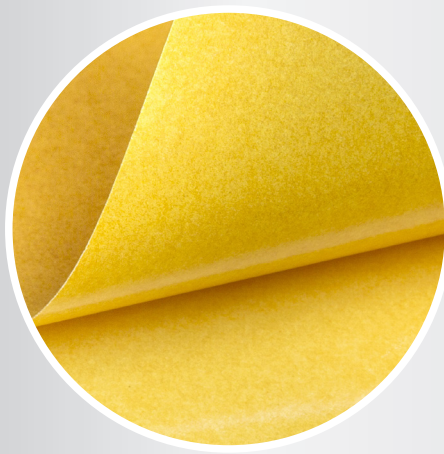


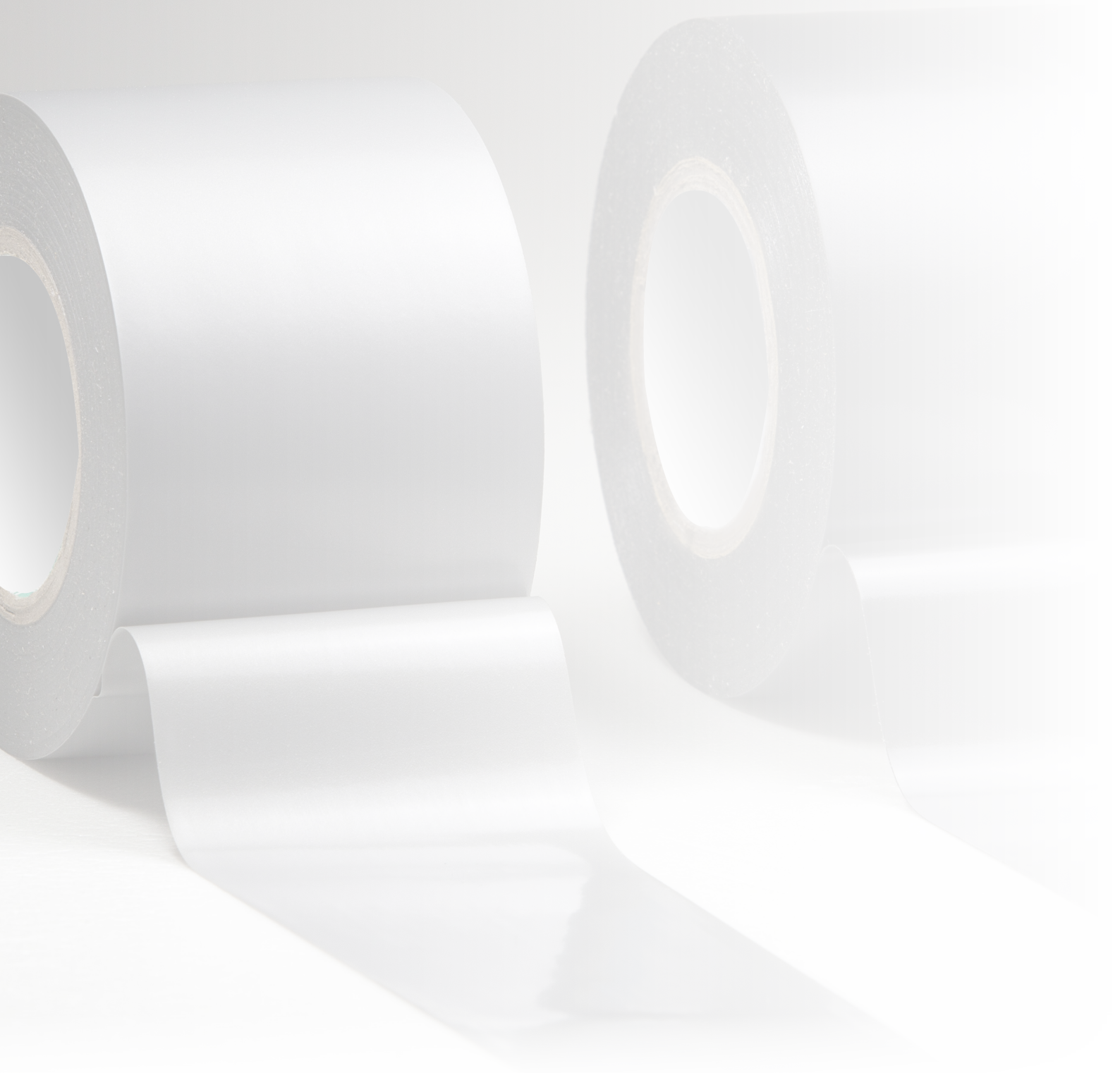
**SSA Europe GmbH**  
Technical adhesive tapes



# ADHESIVE TAPES

- transfer tapes
- one side adhesive tapes
- double side adhesive tapes





**Legal information:**

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**ISO/TS 16949:2009**



## TRANSFER TAPES

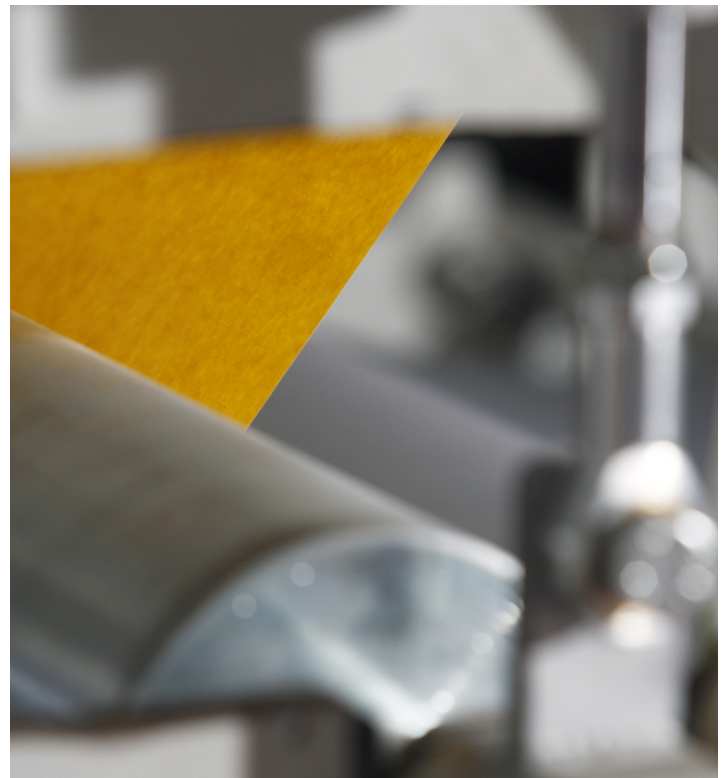
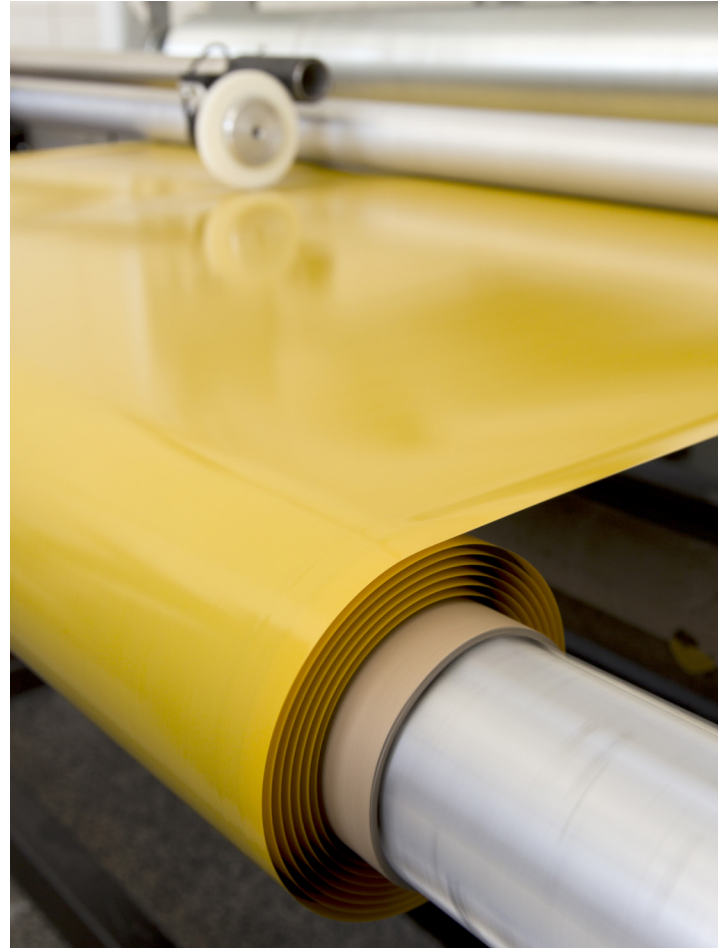
We supply modified acrylic transfer tapes according to customer requirements. It is ideal for the lamination of PU, PE, PVC, EVA foams, synthetic rubber foams such as EPDM, CR, NBR foams and also felt groups which are appropriate for slitting, die-cutting and kiss-cutting applications.

All transfer tapes meet the requirements of the European RoHS directives and REACH standards.

There are essentially two different types of transfer tapes: non-carrier and scrim-carrier as follows.

### NON-CARRIER TRANSFER TAPE

- excellent adhesion, having a pressure-sensitive modified acrylic adhesive for bonding even to low-energy surfaces
- wide range of service temperatures
- easy-release liner speciality with siliconised glassine paper and siliconised PP film alternatives





## SCRIM-CARRIER TRANSFER TAPE

- very good bonding to irregular surfaces with PET scrim feature
- excellent adhesion, having a pressure-sensitive modified acrylic adhesive for bonding even to low-energy surfaces
- wide range of service temperatures
- easy-release liner speciality with siliconised glassine paper and siliconised PP film options



## REVERSE - WOUND TRANSFER TAPE

- modified acrylic pressure-sensitive adhesive version
- 6 mm, 9 mm, 12 mm and 19 mm width options
- very good resistance to solvents
- used in mounting art work, posters, photos, dust covers and other packing applications
- up to +100 °C working temperature
- 1" plastic core

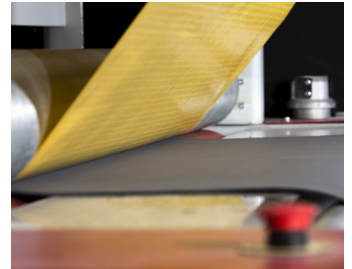


## SINGLE-SIDED ADHESIVE TAPES

We can convert the single-sided adhesive tapes listed below into sheets, slit rolls, die-cut parts or continuous kiss-cut forms for easy application.

### FOAM TAPE

- producing single-sided adhesive foam tapes of PU/PE/PVC/EPDM/NBR/EVA depending on the required thickness, width and length
- supplying the right composition (i.e. adhesive and foam) with specified application areas where sealing, vibration damping, noise insulation, thermal conductivity and heat resistance are required
- depending on thickness and length; accurately slitting the rolls starting from 4mm width



## ACRYLIC-IMPREGNATED PU FOAM TAPE (ACRYL-FOAM TAPE)

- producing single-sided acrylic adhesive foam tape of acrylic-impregnated PU which has a great application feature for filling irregular gaps with 5x expansion in thickness after opening the roll
- fire behaviour: B1 (hardly flammable) in accordance with DIN 4102-1
- temperature resistance: -30 °C to +80 °C
- driven-rain-tight up to >600 Pa
- its special feature is that after 60%-70% compression of the thickness it then fulfils the requirements for sealing against water, oil, air and dust
- there are three main grades of tapes: indoor use, indoor-outdoor use and outdoor use; depending on the application area and conditions (e.g. temperature, UV light, acid rain, solvents, etc.) providing the right grade of tape for cost-effective solutions
- they can be used in construction and building applications in slit roll forms and in automotive and white-goods applications in slit roll and die-cut forms



100% - original height of tape

75% - thermal insulation

50% - wind, light rain, dust, drifting snow

33% - driving rain 600 Pa

25% - high noise reduction

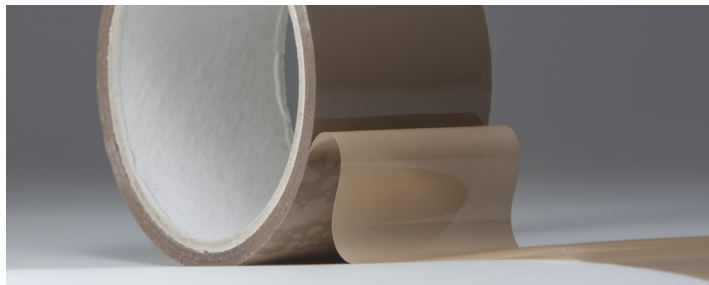
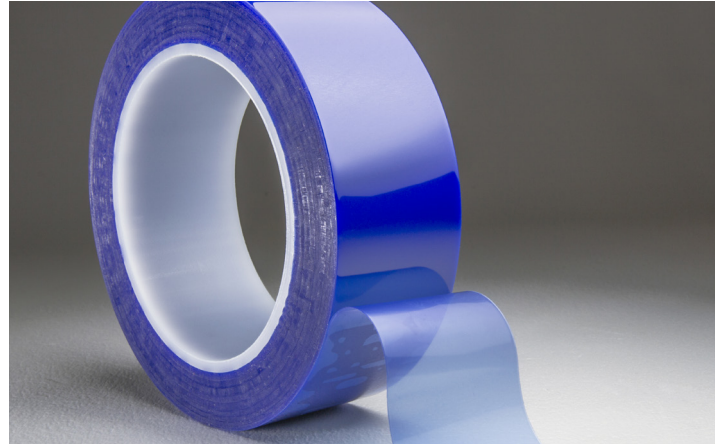
**High compression means best tightness!**





## PET TAPE

- available in thermosetting rubber, silicone and acrylic adhesive versions
- high dielectric strength insulating tape in rubber thermosetting adhesive
- available in different colors
- high temperature and electrochemical processing (circuit boards) in silicone adhesive
- available in different colors
- high tack, excellent thermal resistance and optical clarity with acrylic adhesive



## PACKAGING TAPE

- available in acrylic, natural rubber and synthetic rubber adhesive versions
- excellent holding power and adhesion with elastic characteristics, ideal for all applications in the packaging sector
- on request; special logo can be printed on the PP or PVC film surface
- on request; low-noise and no-noise grades can be supplied too
- standard colour alternatives: transparent, white and brown

## PE TAPE

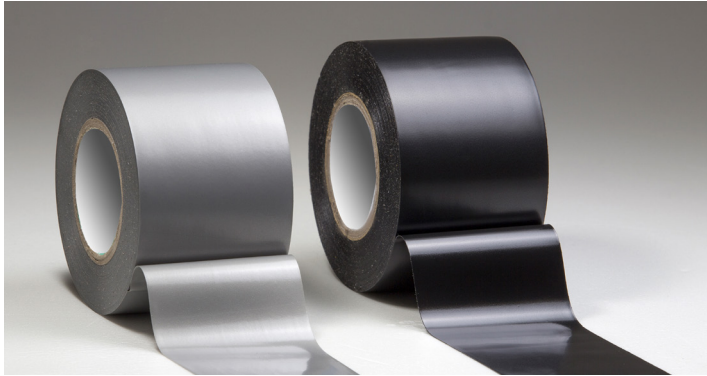
- polyethylene film carrier in white or red
- rubber-based adhesive version
- used in PU injection applications in the refrigerator and freezer industries
- protection during transport on board ships
- industrial applications





### PVC TAPE

- available in acrylic, natural rubber and synthetic rubber adhesive options
- available in non-flammable, self-extinguishing, and general-purpose grades
- supplied in different widths on request by slitting from the log rolls



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### CLOTH DUCT TAPE

- available in natural rubber and synthetic rubber adhesive versions
- available in polyethylene, acrylic and vinyl-coated types
- from 27 mesh to 148 mesh count options
- excellent adhesion and tack
- high tensile strength
- abrasion-resistant
- waterproof
- easy to peel off and easy to tear by hand
- use in ductworks in HVAC, sealing of containers, cargo doors, packaging, automotive and aerospace applications



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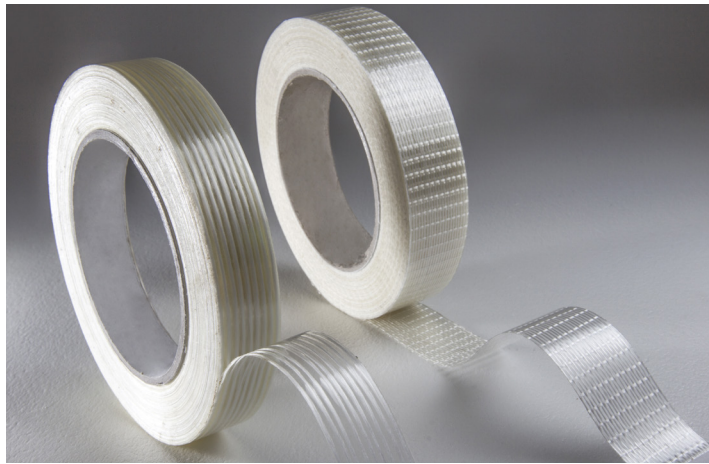
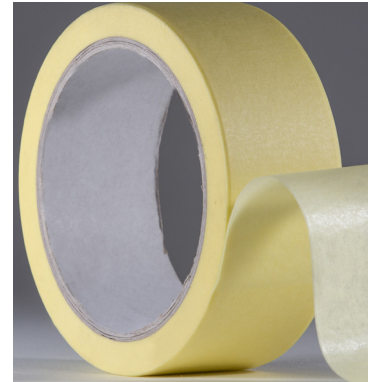
### NON-WOVEN / FLEECE FABRIC TAPE



- polyester non-woven/fleece fabric carrier
- available in synthetic rubber adhesive version
- varied range of working temperatures
- special properties: noise-damping, abrasion-resistant, tear-resistant and strongly adhesive
- use in spiral taping of cable sets and wire harnesses

## MASKING TAPE

- available in rubber and acrylic-based adhesive versions
- available in low, medium and high adhesion types
- +60°C to +200°C working temperature range
- high tensile strength
- easy to peel off
- ideal for use in painting, packaging, bundling, holding, splicing, labelling, colour coding, decorating and identification marking
- UV-resistant version



## FILAMENT TAPE

- polypropylene backing film reinforced with glass fibres
- available in longitudinal and bi-directional glass fibre reinforcement
- available in synthetic rubber adhesive
- excellent adhesion and tack
- strong holding power for heavy duty applications
- high tensile strength
- use in strapping, packaging, automotive, and white-goods applications, etc.

## REFLECTIVE TAPE

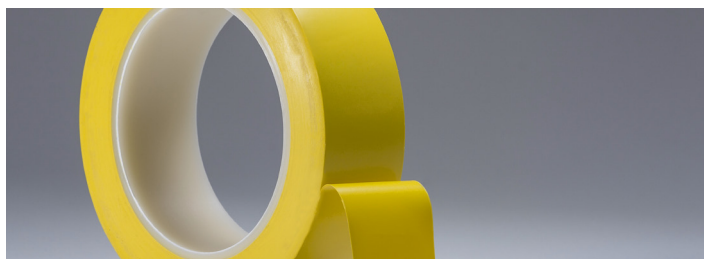
- polyester film backing
- weather-resistant
- white lines in pattern for maximum daytime visibility
- reflect up to 250% more light
- maintains reflectivity after impact
- adheres easily to flat or curved surfaces
- use in fleet, traffic control, fire, emergency safety, marine, automotive, rail, agricultural and recreational industries
- colour alternatives: grey, yellow, red, blue, green, white-red and yellow-red





## MARKING TAPE

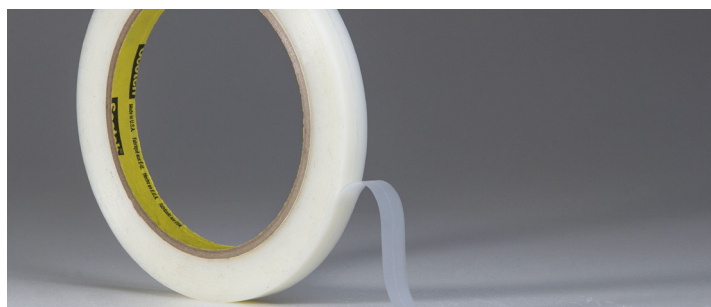
- soft PVC tape
- available in synthetic rubber adhesive
- provides very effective barrier against vapour and moisture
- highly conformable with good abrasion/impact/rupture resistance
- use for permanent and temporary marking of hazardous areas, floors, aisles, stairs, wires, and cords
- also used for striping on vehicles, boats and sports equipment
- colour alternatives: white-red and yellow-black



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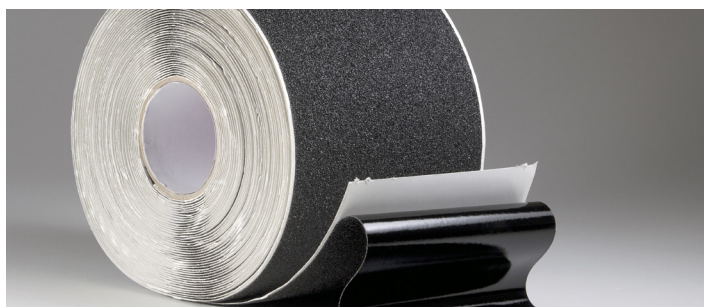
## CONTINUOUS FORM PRINTING TAPES

- available in paper and perforated PE film backing
- special acrylic and synthetic rubber adhesive versions
- 9.7 mm and 13 mm width options (different widths available on request)
- easy to apply during the printing process
- used for joining forms in continuous form printing industry



## ANTI-SLIP TAPE/GRIP TAPE

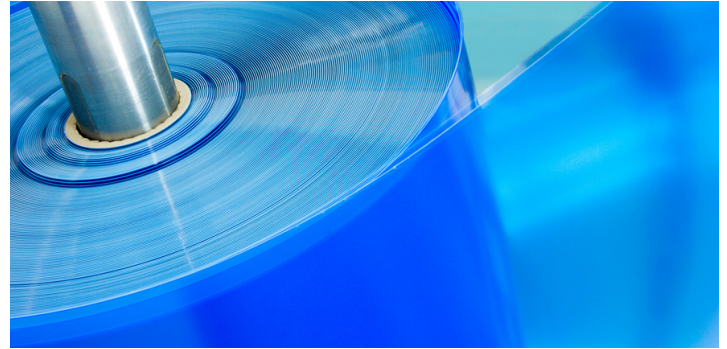
- available in synthetic rubber adhesive
- silicon carbide abrasive between 36 and 60 grit
- resistant to water, temperature, UV and cleaning agents
- easy-peel backing for application to any clean, dry surface
- for use indoors or out, on stairs, pool areas, ramps, work areas and garage steps
- also suitable for use in automotive and marine applications





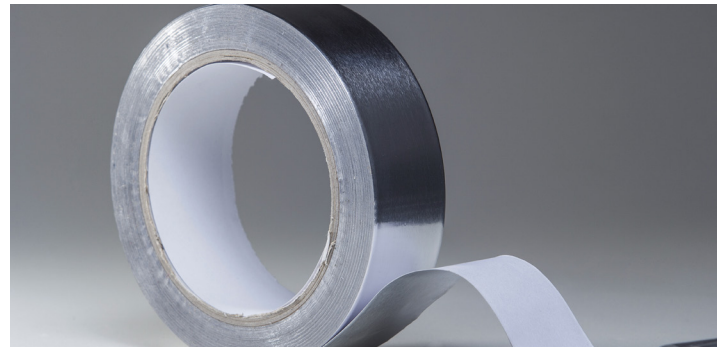
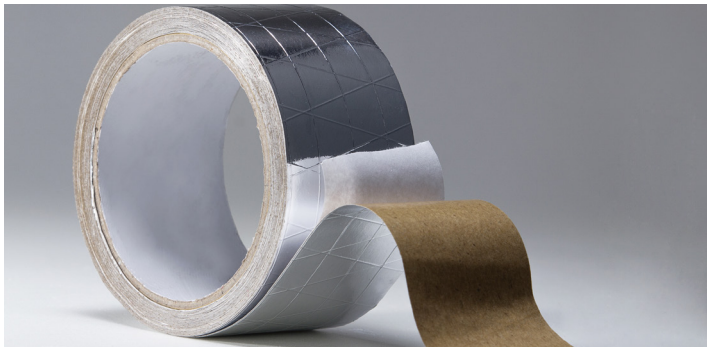
# SURFACE PROTECTION TAPE

- polyethylene film backing
- available in acrylic and rubber adhesive types
- air-bubble-free surface
- protection of lacquered and high gloss substrates, used as decorative elements, for protection against mechanical damage (scratches, abrasion, dirt) during storage and transportation
- suitable for use in electronics (e.g. TV, DVD/CD players, audio systems), white-goods, automotive and marine industry applications



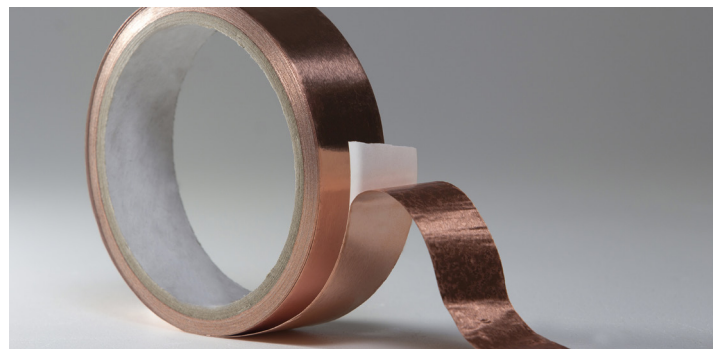
# ALUMINIUM FOIL TAPE

- available in flat surface and reinforced aluminium foils
- available in acrylic and synthetic rubber adhesive versions
- -35 °C to +140 °C working temperature range
- excellent bonding and high tack
- white siliconised paper release liner
- used in the HVAC and refrigerator industry, metal patching, sound damping, heat reflection in automotive applications



# COPPER FOIL TAPE

- electrically conductive copper foil shielding tape
- conductive acrylic pressure-sensitive adhesive version
- -15 °C to +125 °C working temperature range
- resistant to 0.002 ohms/in<sup>2</sup> (according to MIL 202C method 307)
- shielding effectiveness; 100MHz: >101.5 dB, 1GHz: >116 dB
- foil accepts solder easily and does not oxidise
- white siliconised paper release liner
- used for a wide variety of EMI/RFI shielding applications in the electronics industry
- also suitable for printed circuit board manufacture and repair applications



## KAPTON TAPE

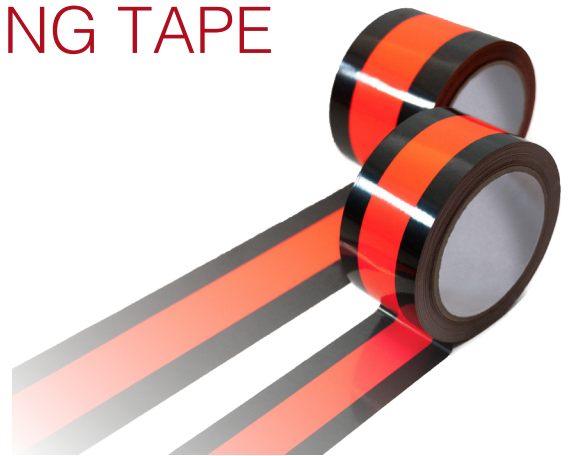
- polyimide film backing
- organic silicone pressure-sensitive adhesive version
- from 6 kV to 13 kV voltage resistance range
- +260 °C temperature resistance
- flame retardant feature
- resistant to acid, alkaline and solvents
- used for electrical insulation and radiation protection in electrical and electronic industries
- colour: amber



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## ROAD SIGN TAPE/NEUTRALISING TAPE

- special tape made for neutralising traffic or road signs
- used during road works
- good, fast adhesion on traffic signs
- easy removable without any residue (outdoor up to 3 months after application)
- good signal effect due to intense orange colour
- available in 50 mm, 75 mm and 100 mm width

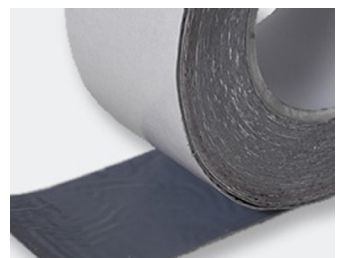
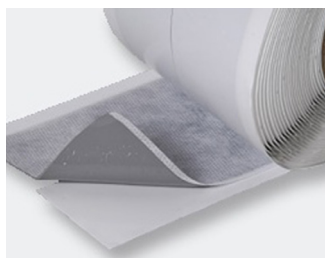
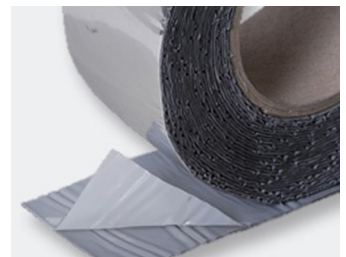
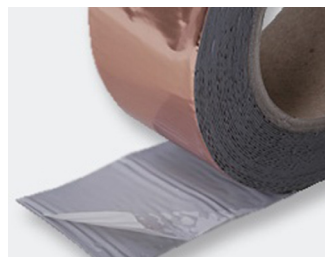


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## BUTYL TAPE

one side of butyl can be laminated with

- aluminum foil: used in roof sealing, HVAC, metal construction, automotive applications
- copper foil: used in roof sealing, HVAC, industrial applications
- polyethylene film: used in HVAC, thermal insulation and cold rooms
- non-woven fabric: used in substrate construction chemicals, sealing and thermal insulation
- anti-vibration properties
- very good in vapour barriers
- B2 classification fire resistance
- -30 °C to +80 °C working temperature range
- siliconised paper release liner





# TEFLON TAPE (COATED GLASS FABRIC)

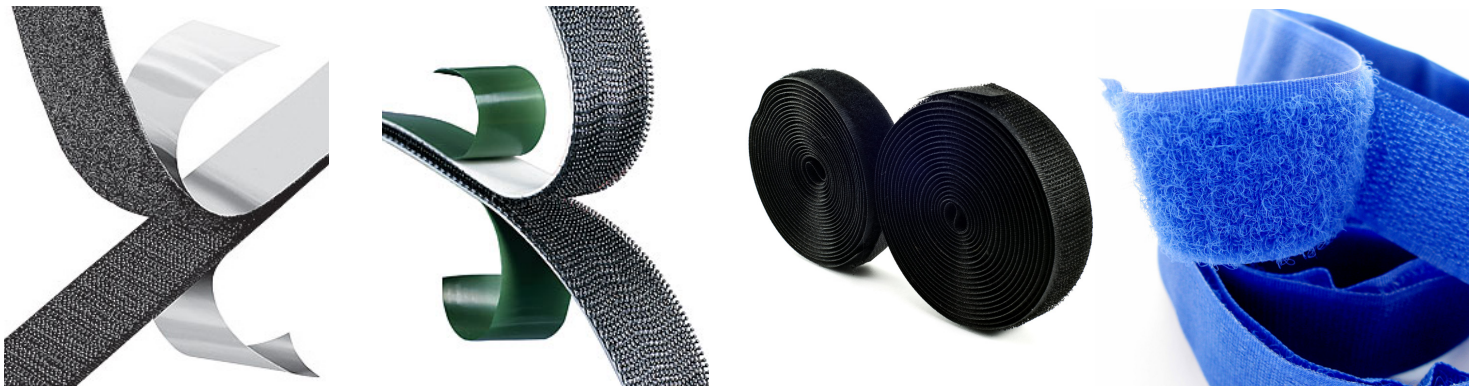
- woven glass fabric coated with PTFE film
- silicone and acrylic pressure-sensitive adhesive version
- high resistance to UV, weathering and chemicals
- -40 °C to +170 °C working temperature range for acrylic adhesive
- -70 °C to +260 °C working temperature range for silicone adhesive
- siliconised PVC film release liner
- used in packaging, food processing, textiles, plastics, buildings, solar and photovoltaic applications
- also used in the aerospace industry for attaching air hoses carrying high levels of heat





## HOOK AND LOOP TAPES

- acrylic and synthetic rubber-based hot melt adhesive options
- high tack adhesive bonding performance even for heavy duty applications
- available widths: from 10 mm up to 150 mm
- quick application and easy-release liner
- black, white and many other colours available on request
- stronger and weaker versions of this mushroom fastener made from PP are also available, especially for automotive applications which meet the FMVSS 302 fire standard
- in addition to automotive, there is a wide range of applications in the textile, shoe, furniture, medical and many other sectors



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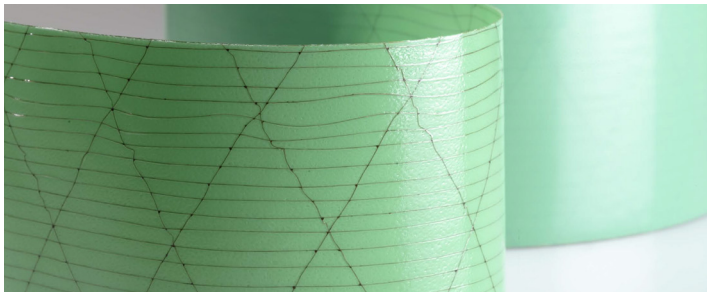
## BLUE MOPP TAPE

- one side natural rubber-adhesive-coated blue MOPP film tape
- overall thickness 75 microns
- no residue after removing the tape
- up to +60 °C continuous temperature resistance
- ideal for use in white goods appliances, furniture and automotive industries for fixing/joining parts and for surface protection



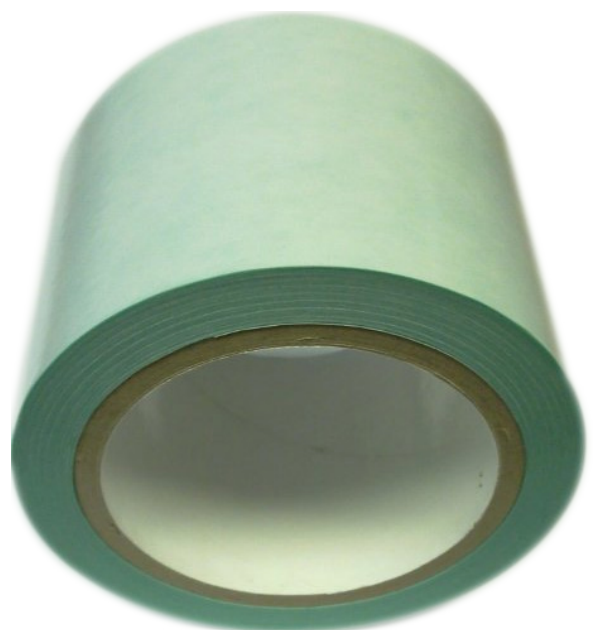
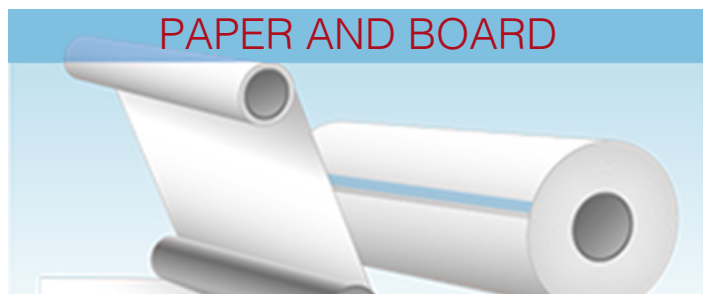
## REINFORCED PE FILM TAPE (VERY STRONG ADHESIVE)

- single-sided modified acrylic, very strong adhesive-coated LDPE film tape
- diagonally shaped PES scrim reinforcement
- wide range of working temperatures
- siliconised paper or PE release liner
- ideal for use when bonding membranes in the roof construction industry
- applications include air-tight and wind-tight sealing of vapour control membranes, membrane overlaps and circular penetrations
- it is also very suitable for butt-joints between wood-based panels, window cases, slats and battens



## REPULPABLE SPLICING TAPES

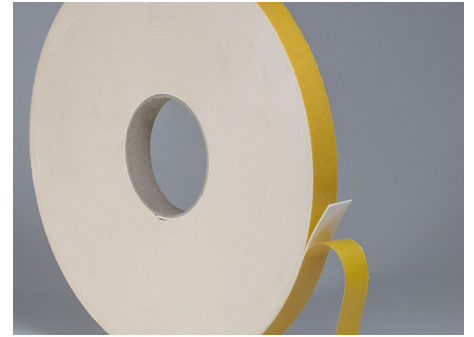
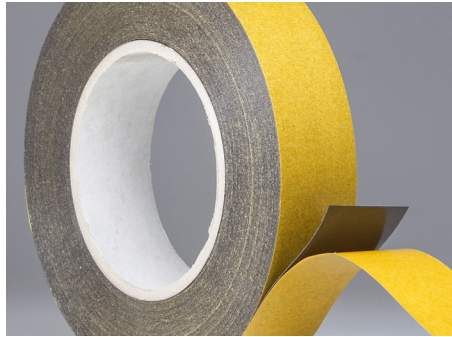
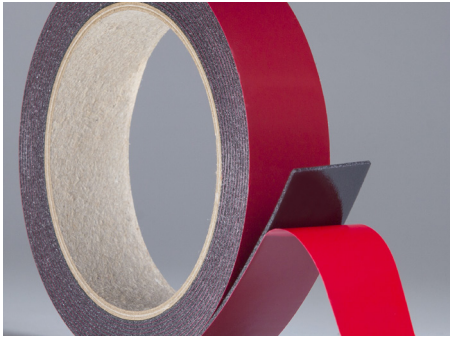
- double-coated repulpable splicing tape with a paper carrier and coated with a water-soluble adhesive
- very high adhesion, excellent repulpability and high temperature resistance
- splice will not slip even under high temperatures and no bleeding
- carrier type: tissue paper
- adhesive type: acrylic adhesive
- liner type: silicone-coated paper





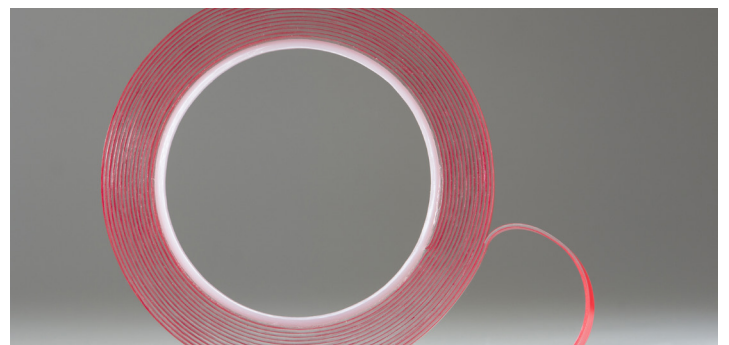
## DOUBLE-SIDED ADHESIVE TAPES: FOAM TAPE

- producing doubled-sided adhesive foam tapes of PU/PE/PVC/EPDM/NBR/EVA depending on the required thickness, width and length
- available in acrylic and synthetic rubber adhesive versions
- -35 °C to +200 °C working temperature ranges
- excellent initial adhesion and good holding power
- depending on thickness and length; accurately slitting the rolls starting from 4 mm width
- use in fixing name plates, display systems, mirrors and a wide range of application areas in the automotive, electronic, white-goods and furniture sectors plus many other areas where parts must be assembled or joined together strongly



## ACRYLIC FOAM TAPE

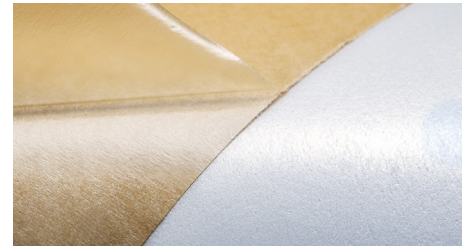
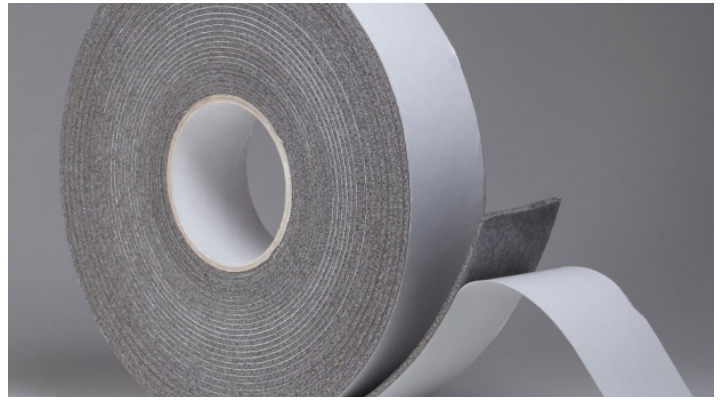
- clear, grey and white visco-elastic acrylic carrier
- pure acrylic resin adhesive
- from 0.25 mm to 3 mm thickness range
- -40 °C to +250 °C working temperature range
- special features: shock absorbent and vibration damping
- very good in curved surface applications due to its flexible properties
- high-performance bond between the part and painted substrate, and good UV resistance
- siliconised PE film release liner
- used in fixing for interior and exterior applications such as name plates, emblems, mirrors, edge guards, side strips in automotive, electronic, white goods and signage applications





## TISSUE TAPE

- tissue carrier
- available in solvent-based and water-based acrylic and synthetic rubber adhesive versions
- +200 °C working temperature ranges
- excellent initial adhesion and good holding power
- white, brown and havana coloured siliconised paper release liner
- used in lamination of foams, rubbers, paper and boards, metal plates, glass and textiles



## PET TAPE

- clear and black polyester film carrier
- available in solvent-based and water-based acrylic and synthetic rubber adhesive versions
- -35 °C to +200 °C working temperature ranges
- excellent initial adhesion and good holding power
- white and havana coloured siliconised paper and red MOPP film release liner
- used in lamination of foams, rubbers, paper and boards, metal plates, glass and textiles, mounting of ABS plastic parts in the automotive industry

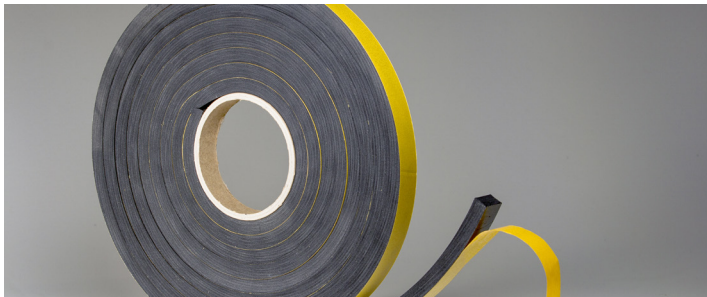


## REMOVEABLE TAPE

- tissue and polyester carrier
- available in water-based acrylic adhesive versions
- one side is permanent, the other is removable with a low tack version
- no residue after removal
- permanent adhesion: mostly used in lamination of foams, rubbers, paper and boards, and textiles
- removable adhesion: mostly used in glass, ceramics, painted metal surfaces, etc.

## OPP TAPE

- clear polypropylene film carrier
- available in solvent-based and water-based acrylic and synthetic rubber adhesive versions
- excellent initial adhesion and good holding power
- white and havana coloured siliconised paper release liner
- used in lamination of foams, rubbers, paper and boards, metal plates, glass and textiles



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## PVC TAPE

- white PVC film carrier
- available in modified water-based acrylic version
- very good bonding even to rough surfaces
- +70 °C working temperature range
- havana coloured siliconised paper release liner
- used in display mounting, mirror fixing, furniture trim, in automotive and signage industry

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## FLEXO MOUNTING TAPE

- PVC film, PP film and cross-linked PE foam carrier
- soft/medium foam type available
- no residues remain on plate or cylinder when tape is removed
- white siliconised embossed PP film and green/brown PVC film release liner
- polymer plate mounting tape designed for the flexographic industry







certified according to  
**ISO 9001:2008**  
**ISO/TS 16949:2009**

**SSA Europe GmbH**  
Technical adhesive tapes



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