



technicoll® 3111 Double-faced adhesive film

Processing note

technicoll® 3111 is a high strength, flexible adhesive film with high resistance to weather influences, ageing and temperature. Use technicoll® 3111 to bond smooth and slightly rough surfaces for indoor or outdoor applications.

Special characteristics

technicoll® 3111 bonds low surface energy substrates like PE and PP. Slightly rough surfaces can be bonded tensionless because of the foam carrier.

Handling data and product data

Base	acrylate
Covering	silicon/release paper
Carrier	black PE-foam
Thickness without masking tape	0.45 mm
Thickness masking tape	0.08 mm
Processing temperature	+18 °C to +30 °C
Temperature range	-40 °C to +90 °C
Cleaning / material	technicoll® 8363 technicoll® 9901 (metal cleaning spray) technicoll® 9902 (plastics cleaning spray)
Storage	At least 12 months when stored cool and dry in closed original packaging. Protect from direct sunlight!
Preferred storage temperature	+15 °C to +25 °C
Packaging	rolls of 6 mm width, stamping parts on request

Pretreatment

Bonding surfaces must be dry and clean, especially free of oil, grease or solvents.

Favoured substrates

- metals
- paper, paperboard
- derived timber products
- plastics: PVC, PC, PMMA, ABS
- rubber
- glass, ceramics
- fabrics
- PE, PP

Not suitable for: PTFE (Teflon®), silicone, EPDM

Due to the large variety of possible materials and differences in adhesion behaviour hazard tests are mandatory before introducing the adhesive into the actual production process.

Application

Use a contact roller or a flat press in order to achieve the contact pressure (approx. 15 N/cm²). The final strength is achieved after approx. 36 hours at room temperature.

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Von dieser Fassung abweichende Angaben früherer Produktinformationen sind ungültig.

Zur besonderen Beachtung:

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