

technicoll® 9101 Contact adhesive, heat-resistant



Field of application

Multipurpose contact adhesive with a long contact life. technicoll® 9101 is especially suitable for bonding of plastic panels, rubber with metals and derived timber products.
Bondings with technicoll® 9101 are heat-resistant up to +130 °C. (DIN 53273)

Handling data and product data

Base	polychloroprene
Viscosity (+20 °C)	approx. 3000 mPas
Density	approx. 0.9 g/cm ³
Temperature resistance	up to +130 °C (depending on substrate and construction)
Colour	brownish
Drying time	approx. 10 to 15 minutes
Contact life	30 – 40 minutes
Setting time	at least 48 hours
Way of application	two-sided
Application temperature	+15 °C to +25 °C
Consumption	150 - 250 g/m ² (two-sided application)
Dilution	not necessary, possible with technicoll® 8367
Cleaning agent / material	technicoll® 8363 technicoll® 9901 (metal cleaning spray) technicoll® 9902 (plastics cleaning spray)
Cleaning agent / tool	technicoll® 8367, technicoll® 9901 (spray)
Cleaning	Cured adhesive can only be removed mechanically.
Maximum time of storage	At least 1 year when stored in sealed original packaging in cool and dry places.
Preferred storage temperature	+10 °C to +25 °C
Behaviour at low temperature	Not susceptible to frost. Densification at low temperature. Once adjusted to processing temperature: fully employable.

Favoured Substrates

- rubber
 - leather
 - fabrics
 - cork
 - plastics (e.g. HPL, FRP, PVC-u)
- to each other and to
- metals
 - PUR foam
 - derived timber products
 - coated surfaces (primed, painted)

Not suitable for: PE, PP, PTFE (Teflon®), POM, silicone, EPDM, PVC-plasticised (faux leather), PS rigid foam (e.g. Styropor®)

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.

Surface preparation

Bonding surfaces must be dry and clean, especially free of oil, grease or release agents. In many cases, surface roughening prior to bonding improves strength of bonded joint. It is recommended when working with rubber and metals.

Adhesion

Stir adhesive before use. Apply a thin layer of technicoll® 9101 equally to both sides of the bonding surface of the substrates (brush, trowel, closed roller). After the application solvent needs to evaporate. The usual waiting time is just a few minutes. It depends on the applied amount of adhesive and the indoor climate. The right time for the bonding has come as soon as the applied adhesive does not pull strings anymore when touching with the finger, but still feels very sticky. Join the substrates together accurately and assemble quickly under high pressure. The good bond strength that is achieved immediately, usually allows further processing with the bonded substances right away.

Wait for a couple of days before assessing the final strength.

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Deviating information of earlier versions is invalid.

Special notice:

All information given on this data sheet is based on our knowledge and experience at the time of printing. The information is not binding. We advise to determine the suitability of our products with respect to their intended use and method of application. Therefore, a warranty claim cannot be granted.