Technical Data Sheet

technicoll® 9188
Spray adhesive with strong spray pattern

Field of application

technicoll® 9188 is a multipurpose adhesive with a strong spray pattern and a variable spray width. The spray adhesive is suitable for permanent bonding of many different combinations of materials. technicoll ® 9188 can be applied on one or on both sides of the adherends.

Handling data and product data

Base	styrene-butadiene-styrene (SBS)
Density	approx. 0.8 g/cm³
Colour	beige
Drying time	2 – 5 minutes
Adhesion time (one-sided application)	approx. 3 minutes
Contact life	approx. 20 minutes
Temperature resistance	-20 °C to +60 °C (depending on substrate and mechanical pressure)
Way of application	one- and two-sided
Processing temperature	+15 °C to +25 °C
Diluent	Not possible
Cleaning agent / material	technicoll® 8363 technicoll® 9901 (metal cleaning spray) technicoll® 9902 (plastics cleaning spray)
Cleaning agent / tool	technicoll® 8362, technicoll® 9901 (spray)
Cleaning	Cured adhesive can only be removed mechanically.
Maximum time of storage	At least 2 years when stored in sealed original packaging in cool and dry places.
Preferred storage temperature	+10 °C to +25 °C Pressurised container: Do not pierce or burn, even after use. Protect from sunlight. Do no expose to temperatures exceeding +50 °C.
Behaviour at low temperature	Non frost susceptible. Densification at low temperature. Once adjusted to processing temperature: fully employable.
Packaging	500 ml spray can

Favoured substrates

- paper, paperboard
- plastics, plastic films (plasticised)
- fabrics, jute, textiles, cork, felt, cushion cotton
- insulating material, glass wool
- flexible foam (poly urethane, latex)
- rigid foam (also Styropor®)
- derived timber products
- painted, coated surfaces
- ceramics
- metals
- concrete

Not suitable for: PE, PP, PTFE (Teflon®), POM, silicone, EPDM, PVC-p (faux leather)

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 solvents. Use technicoll® 8363 for cleaning surfaces of plastics. In many cases, surface roughening prior to bonding improves strength of bonded joint.

Adhesion

Shake can before use!
Spray technicoll® 9188 equally in a thin layer from a distance of approx. 30 cm on the substrate. When applying the adhesive to one side of porous substrates, the substrates can be joined together immediately or after a short drying time (< 10 minutes).
For contact bonding apply the adhesive to both sides. Then the 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 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. A good bonding strength is achieved immediately and usually allows further processing with the bonded substances right away.
Adhesion has a high initial strength. Wait for a couple of days before assessing the final strength.

When bonding diffusion closed substrates or Styropor®, only a contact bonding with a double-coated application is possible.
In order to clean the splash valve, turn can around after use and spray until only propellant gas is emitted.

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