

Technical Data Sheet

technicoll® 9220

Water based pressure sensitive adhesive, transparent



Field of application

technicoll® 9220 is a water based pressure sensitive adhesive with high initial tack for textiles, films, foam material and even for PE, PP. technicoll® 9220 is highly resistant to temperature and plasticisers.

Handling data and product data

Base	acrylic dispersion
Viscosity (+20 °C)	approx. 2500 mPas
Solid content	approx. 63 %
Density	ca. 1.0 g/cm ³
Colour	white, after drying transparent
Drying time	approx. 30 to 60 minutes from white -> transparent (depending on temperature, substrate and quantity of adhesive)
Way of application	one- and two sided
Processing temperature	+15 °C to +25 °C
Consumption	80 to 150 g/m ²
Diluent	not necessary, possible with water
Cleaning agent / material	technicoll® 8363 technicoll® 9902 (plastics cleaning spray)
Cleaning agent / tool	water or technicoll® 8362
Cleaning	Solid adhesive can only be removed mechanically.
Maximum time of storage	At least 12 months when stored in sealed original packaging in cool and dry places.
Preferred storage temperature	+10 °C to +25 °C
Behaviour at low temperature	Frost susceptible. Do not store under +5 °C!

Favoured substrates

- textiles
- foam materials
- PE, PP
- derived timber products
- filmss
- paperboard, paper
- plastics

Not suitable for: PTFE (Teflon®), silicone, PVC-plasticised (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.

Pretreatment

Bonding surfaces must be dry and clean, especially free of oil, grease or solvents.
In many cases, surface roughening prior to bonding improves strength of bonded joint.

Application

Apply technicoll® 9220 equally to one side. The curing time depends on the applied amount of the adhesive, the substrates' porosities and the climatic conditions. Drying time can be shortened by heat. While drying, the adhesive's colour turns from white to transparent. Join the substrates together accurately after drying. Covered layers of adhesive by a protective sheet or release paper can be rolled up. The transfer matrix system has been tested for different materials, e.g. textiles or foam materials, where the adhesive is applied to the protective sheet, dried and then being transferred to the coated material.

Technischer Stand: 22.12.2015

Seite 2/2

Von dieser Fassung abweichende Angaben früherer Produktinformationen sind ungültig.

Zur besonderen Beachtung:

Alle Angaben entsprechen unseren heutigen Kenntnissen und Erfahrungen, zum Zeitpunkt der Drucklegung, sind unverbindlich und entbinden nicht von eigenen Eignungsversuchen für die beabsichtigten Verfahren und Zwecke. Ein Gewährleistungsanspruch kann daher aus diesen Angaben nicht abgeleitet werden.