

### technicoll® 9310

Translucent hot melt adhesive, especially for PE/PP, POM



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#### Field of application

technicoll® 9310 is a multifunctional hot melt adhesive for constructive bonding. The cured hot melt adhesive is translucent and flexible.

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#### Special characteristics

Use technicoll® 9310 for adhering plastics difficult to bond, e.g. PE, PP, POM.

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#### Handling data and product data

Base	acrylate
Viscosity (+180 °C)	approx. 5000 mPas
Application temperature	+180 °C to +200 °C
Open time	approx. 40 seconds (depending on material and quantity of adhesive applied)
Setting time	approx. 60 seconds (depending on material and quantity of adhesive applied)
Colour	clear white (small differences of the colour of the hot melt do not imply quality characteristics)
Colour	translucent
Softening point	approx. +90 °C (ring/ball)
Density	1.0 g/cm <sup>3</sup>
Solid content	100 %
Temperature resistance	approx. -5 °C to +55 °C (depending on substrate and mechanical pressure)
Way of application	one-sided
Cleaning agent / material	technicoll® 8363, technicoll® 9901 (metal cleaning spray) technicoll® 9902 (plastics cleaning spray)
Maximum time of storage	At least 2 years when stored cool and dry in closed original packaging.
Preferred storage temperature	+10 °C to +25 °C Avoid heat (sun).
Behaviour at low temperature	Not susceptible to frost.

## Favoured substrates

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- PE (HDPE, LDPE), PP, POM
- rubber
- leather
- ceramics
- derived timber products
- PET, PA, PS, ABS, PVC-u, PMMA, PC
- paper, paperboard
- foam materials
- glass
- metals

Not suitable for: PTFE (Teflon®), silicone, EPDM, PVC-p (faux leather)  
permanent underwater load!

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

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Bonding surfaces must be dry and clean, especially free of oil, grease or solvents. For cleaning plastic surfaces technicoll® 8363 is recommended.

## Application

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Apply hot melt adhesive as a dot, film or bead. Short pressure improves strength. Use a separate gun in order to make sure that no contamination by other gluing sticks influences the result!

Note: In order to ensure a proper handling, a stick gun with a special taper nozzle (reduced elasticity) is recommended!

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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.