

SIMALFA® 3021

Technical Data Sheet

Adhesive:

SIMALFA® 3021 is a solvent-free, pressure-sensitive dispersion adhesive with a water base used for the bonding of foams. The adhesive is characterized above all by excellent wet adhesive properties and high flexibility as well as heat resistance. The system is applied in single or double-sided roll application.

Specifications:

Composition:	Dispersion of CR polymer in water
Appearance:	white
Solid content:	approx. 26%
Density:	approx. 1.05 g/cm ³
pH-value:	8.0 - 9.0
Viscosity:	800 ... 1500 mPas (Brookfield RV, Sp. 2, 20 rpm)
Heat resistance:	approx. 80 - 90°C
Application quantity:	approx. 40 - 100 g/m ²
Open time:	approx. 10 min
Final adhesion:	approx. 1 - 24 hours, depending on the material
Shelf life:	at temperatures +5°C...+30°C, in unopened original packaging 6 month
Cleaning:	Water (ALFA Cleaner is recommended)

The adhesive is sensitive to frost. Temperatures below 0°C destroy the adhesive!

Features:

High initial adhesive strength immediately after applying without additional drying time, high heat resistance, solvent-free, no hazards, also one-sided applicable, non-flammable

Application:

Foam industry, mattress production
 Latex foam, polyether foam, PU foam, felt, etc.

Application equipment:

Counter-rotating rollers
 Wetted parts: Stainless steel (V2A) or plastic

Feeding:

Free Flowing System, pressure pot (max. 1.0 bar)

Processing:

Single-sided application with roller, add the parts, good compression, then further processing

Important notice:

The usual precautionary measures have to be taken, the same as when handling chemical products. This includes a well ventilated working place, particularly when larger quantities are processed. For technical data see according safety data sheet. The particulars on this data sheet are based on our present knowledge and experience. Of course each user has to make his own tests when using our products. Our data sheet cannot be considered legally binding in the case of certain material or suitability for all applications. Rules and legislation in each country have to be taken into consideration and we cannot be held responsible for local regulations unknown to us. In the case of inconsistencies between different translations, the German version shall prevail.

V 11.2 | 27.06.2018