

**Product Information:**

# Contact Adhesive 281

**All-round adhesive with instant high strength**

**General description and application:**

Contact Adhesive 281 is an all-round neoprene based liquid contact adhesive, for adhesion of absorbing and non-absorbing surfaces where a high immediate strength is required.

Typical applications areas are wood, fibre-, chip-, and vinyl boards, felt, natural and synthetic rubber, leather, foam materials, concrete, glass, metal, etc. The adhesive is not suitable for polystyrene foam.

The adhesive is water resistant and resistant to temperatures from -40 °C to +70 °C, depending on demands to the strength. (The adhesive is thermo plastic, i.e. the strength is reduced with increasing temperature). If adding 5 % Hardener 924, the heat resistance is increased to approx. 150 °C.



**Physical / chemical properties:**

**Adhesive:**

- Type: Solvent based polychloroprene based.
- Colour: Yellow
- Consistency: Liquid
- Shelf life: Minimum 24 months in tightly closed packing if stored cool.
- Packaging:

Item no.	Size
3000	40 ml tube
3003	150 ml tube
3004	250 ml can
3006	1 liter can
3008	5 liter can

**Cured adhesive:**

- Colour: Light yellow
- Resistance:
  - Temperature: The adhesive is resistant to temperatures up to approx. 70 °C, depending on strength requirements. The adhesive is thermoplastic (i.e. strength is reduced with increasing temperature). When adding 5 % Hardener 924, the heat resistance is increased to approx. 150 °C.
  - Water: Good.



## Directions for use:

- Preparation:** *The surfaces must be clean, dry and free of oil, grease, dust and loose particles.*
- When adding 5 % Hardener 924 the heat resistance is increased.  
Pot-life after addition of hardener is approx. 24 hours.*
- It is always recommended to carry out an adhesive test, to determine the strength of the specific materials which should be glued.*
- When bonding sensible materials, there is a risk of discolouration because of the organic solvents in the adhesive. Always carry out a test before using the adhesive.*
- Dilution:** *The adhesive should only be diluted with Thinner 954.*
- Application temperature:** *The adhesive should be used at temperature from 5 – 30 °C*
- Application:** *The adhesive is applied on both surfaces in a thin even layer. After complete drying (5 – 30 minutes), the surfaces are joined with a firm pressure for at few seconds. On very absorbing surfaces, it can be necessary to apply the adhesive twice.*
- Yield:** *3 – 5 m<sup>2</sup>/litre at two-sided application, depending on type of substrate.*
- Curing:** *The adhesive immediately achieves high strength. Full strength is obtained after approx. 4 days.*
- Cleaning:** *Uncured adhesive can be cleaned with Xylene or Dissolver 954. Cured adhesive can only be removed mechanically, or by diluted in thinner 954*

## Health and safety:

*For further information on safety, please refer to Product Safety Data Sheet.*

*The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.*

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