# Contact VA 1500

Cyanoacrylate Adhesive for rubber and plastics
high viscosity
slow-curing

WEICON Contact VA 1500 is highly viscous (1000-1500 mPa•s) and has a slower curing time. The product is suited for the bonding of rubber and plastics and can also be used on absorbent and porous materials such as wood, cork, leather and ceramics.

## Technical data

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| Ester type | Ethyl |
| Condition / nature | colourless, clear liquid |
| Viscosity at +20°C Brookfield | 1.000-1.500 mPa·s |
| Max. gap covering | 0,2 mm |
| Initial adhesion on Aluminium | 90-120 sec. |
| Initial adhesion on Nora test rubber | 5-30 sec. |
| Initial adhesion on Rigid PVC | 10-120 sec. |
| Final strength after | 24 h |
| Temperature resistance | -50 bis +80 (kurzz. bis +100) |
| | Erweichungstemp. +150 °C |

## Pretreatment of the surface

- To ensure a perfect bonding, the surfaces to be joined must be clean and dry (to clean and degrease use WEICON Surface Cleaner).
- Smooth surfaces should be mechanically roughened.

## Processing

- Apply WEICON Contact Cyanoacrylate Adhesive only on one of the surfaces to be bonded.
- The bond line should be between 0.05 mm and max. 0.2 mm (acc. to type) in thickness. Otherwise complete hardening cannot be guaranteed.
- For bonding large surfaces WEICON Contact Cyanoacrylate Adhesive should be applied drop by drop to avoid inner tensions.
- WEICON Contact Cyanoacrylate Adhesives are very economical. One drop is sufficient to cover approx. 3 - 5 cm² of bonded surface.
- The parts to be joined should be bonded in an atmosphere of 40 - 80 % relative humidity. In conditions of below 40%, the cure will be considerably slowed or even inhibited. With a relative air humidity of more than 80% or with basic substrates (e.g. glass), shock-curing can occur. In such cases, some materials show a drop in bond strength of 10 - 15 %, due to inner tensions in the bond line.
- Basic-reacting surfaces (pH-value >7) will speed up the cure whereas acidic-reacting surfaces will retard and, under extreme conditions, completely inhibit the polymerization.

## Storage

WEICON Contact Cyanoacrylate Adhesives should always be stored in a cool, dry and dark place. The shelf life is at least 9 months if stored at room temperature (18 - 25°C). If stored at +5°C (e.g. in a refrigerator), the shelf life can be extended to 12 months.

## Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

## Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.