

# Contact VA 5000 THIX Cyanoacrylate Adhesive



**Cyanoacrylate Adhesive for rubber and plastics**  
**high viscosity (thixotrop)**  
**longer cure**

For porous and absorbing materials and larger tolerances. Suitable for metals, plastics, and rubber, even on vertical surfaces.

## Technical Data

|  |                       |
|--|-----------------------|
| Ester type   | Ethyl                 |
| Composition  | colourless, clear gel |
| Viscosity at +20°C (+68°F) according to Brookfield | 25.000 mPa·s          |
| Max. Gap Bridging                                  | 0,2 mm                |
| Initial strength on aluminium                      | 30 -70 sec.           |
| Initial strength on NBR-Rubber                     | 5 -10 sec.            |
| Initial strength on hard PVC                       | 25 -50 sec.           |
| Final strength approx. after                       | 24 h                  |
| Shear strength according to DIN 53283 on           |                       |
| Sand-blasted Steel                                 | 22 N/mm <sup>2</sup>  |
| Sand-blasted Aluminium                             | 18 N/mm <sup>2</sup>  |
| Rigid PVC  | 12 N/mm <sup>2</sup>  |
| ABS  | 10 N/mm <sup>2</sup>  |
| PC   | 12 N/mm <sup>2</sup>  |
| NBR  | > 8 N/mm <sup>2</sup> |
| Temperature resistance                             | -50 to +90 °C         |

## Surface pre-treatment

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. To improve the adhesion on difficult to bond plastics (e.g. PE, PP, POM, PTFE), thermoplastic elastomers (TPE) and Silicone, WEICON CA-Primer can be applied on the surface.

## Processing

Shake before use. Apply WEICON Contact VA 5000 THIX only on one of the surfaces to be bonded. The curing speed depends on the gap. (If necessary, WEICON CA-Primer can be used. Apply only on one side. Do not apply activator on surfaces where a primer has been used. Allow activator to dry. Do not apply the adhesive on surface with activator. Join and position parts quickly. Allow to cure completely (24h), before stress is applied. For bonding large surfaces the adhesive should be applied pointwise

## Storage

WEICON Contact Cyanoacrylate Adhesives can be stored in the unopened original container for at least 9 months at room temperature (+ 18°C to + 25°C). Keep away from moisture and direct sunlight. At temperatures of about + 5°C, the shelf life can be extended up to 12 months.

## Safety and health

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

## Available sizes:

|          |   |
|----------|---|
| 12551030 | Contact VA 5000 THIX Cyanoacrylate Adhesive 30 g  |
| 12551060 | Contact VA 5000 THIX Cyanoacrylate Adhesive 60 g  |
| 12551500 | Contact VA 5000 THIX Cyanoacrylate Adhesive 500 g |

## Accessories:

|          |                                      |
|----------|--------------------------------------|
| 11202400 | Sealant and Adhesive Remover, 400 ml |
| 11207400 | Surface Cleaner, 400 ml              |
| 11850200 | Hand Protective Foam, 200 ml         |
| 12450010 | CA-Primer for Polyolefines, 10 ml    |
| 12500150 | CA-Activator Spray, 150 ml           |
| 12505150 | CA-Activator Spray AC, 150 ml        |
| 12955175 | Dosing Tips, Typ A Size 0,5          |

## 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.

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