

# Technical Datasheet



**Article No.** 14-15

**Article** Cyanoacrylate Adhesive Plastic

**Available sizes**  
20g, 50g, other sizes upon request



## Product description / Please note

VARYBOND® Grade 14-15 is a excellent adhesive for material combinations with different thermal elongation coefficients. Due to its viscosity, the product is also suitable for porous materials.

## Application

The parts should be dry, clean and free of any kind of grease so that the best result can be achieved. Apply directly from the bottle.

## Physical Properties

### Liquid Product

Chemical Base	$\alpha$ -Cyanoacrylicacid-ethylester
Colour	clear / colourless
Viscosity mPas @ 25°C	1000 - 1300
Density g/cm <sup>3</sup> (DIN 51757)	1,08
Flash point (DIN 55213)	87 °C
Shelf life	12 months when stored correctly

### Fixture time on

Aluminium / Aluminium	50 - 70 seconds
SBR / SBR - rubber	5 - 8 seconds
Polycarbonate / Polycarbonate	8 - 12 seconds
EPDM / EPDM - rubber	5 - 8 seconds
Final strength	24 hours

### Cured Product

Rensile Shear strength on Aluminium / Aluminium	> 25 N/mm <sup>2</sup> (DIN EN 1465)
Tensile Force on round rubber profiles SBR / SBR	> 1'800 N, $\phi$ 18mm
SBR / SBR (10 days / 70°C)	> 1'600 N, $\phi$ 18mm
EPDM / EPDM	> 220 N, $\phi$ 16mm
EPDM / EPDM (10 days / 70°C)	> 200 N, $\phi$ 16mm
Thermal range	- 30°C up to + 80°C
Melting point	+165°C

## Storage / Shelf life

Package should not be mixed with other materials. Shelf life is up to 12 months if stored correctly under 10°C. Package after emptying to be disposed via metal scrap.