



## TECHNICAL DATA

### GRADE X14-54

Gel Instant Adhesive

#### Product Description

ROCOL Grade X14-54 is a fast curing, single component gel cyanoacrylate adhesive. It is specifically formulated for difficult to bond substrates. The gel consistency prevents adhesive flow even on vertical surfaces.

#### Typical Applications

Rapid bonding of a wide range of metal, plastic or elastomeric materials particularly suited for bonding porous or absorbent materials such as wood, paper, leather or fabric.

#### Physical Properties

##### Liquid Product:

|  |                                       |
|--|---------------------------------------|
| Chemical base:                         | $\alpha$ -Cyanoacrylicacid-ethylester |
| Colour:                                | Clear / Colourless                    |
| Viscosity mPas @ 25°C:                 | Gel                                   |
| Density g/cm <sup>3</sup> (DIN 51757): | 1.06                                  |
| Flashpoint (DIN 55213):                | 87°C                                  |
| Shelf-Life:                            | 12 months at room temperature         |

##### Fixture time on:

|                                |                 |
|--------------------------------|-----------------|
| Aluminium / Aluminium          | 40 - 60 seconds |
| SBR / SBR - rubber:            | 2 - 4 seconds   |
| Polycarbonate / Polycarbonate: | 8 - 12 seconds  |
| EPDM / EPDM - rubber:          | 4 - 8 seconds   |

Final strength: 24 hours

#### ROCOL Industrial Adhesives

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: 0113 232 2600 Fax: 0113 232 2760

ROCOL is a BS EN ISO 9001 registered company.

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The information in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which effect the use and performance of our products for which reason the information in this publication is given without responsibility

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**Cured Film:**

Tensile Shear Strength on:

Aluminium / Aluminium: 23 - 28 N/mm<sup>2</sup> (DIN EN 1465)

Tensile Force on round rubber profiles:

SBR/SBR - rubber ø 18mm: > 1'800 N

SBR/SBR 10 days/70°C: > 1'800 N

EPDM/EPDM – rubber ø 16mm: > 250 N

EPDM/EPDM 10 days/70°C: > 220 N

Thermal range: -30°C up to +80°C

Melting point: +165°C

**Pack size and part code**

20g part code 73113

**Health and Safety**

Health and Safety information (SDS) is available from the Customer Service Department, ROCOL Lubricants, Swillington, Leeds, LS26 8BS, England.

**Telephone:** 0113 232 2700. (When calling from outside UK: 44 113 232 2700).

**Fax:** 0113 232 2760. (When faxing from outside UK: 44 113 232 2760).

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