



TECHNICAL DATA

GRADE X14-01

Universal Instant Adhesive

Product Description

ROCOL Grade X14-01 is a low viscosity, fast curing, single component cyanoacrylate adhesive. It is specifically formulated for difficult to bond substrates. This product is less dependent on surface moisture for cure speed than other standard CA grades.

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:	α -Cyanoacrylic acid-ethylester
Colour:	Clear / Colourless
Viscosity mPas @ 25°C:	80 - 110
Density g/cm ³ (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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Cured Film:

Tensile Shear Strength on:

Aluminium / Aluminium: 23 - 28 N/mm² (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 73093

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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