



Sole UK Distributors Of  
**REINHARDT-TECHNIK**  
Metering, Mixing &  
Dispensing Systems



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## Technical Data Sheet

### CYANOLIT 221F

**Cyanoacrylate adhesive for plastic substrates and difficult to bond synthetic rubbers, metals.**

**CYANOLIT 221F** is a low viscosity ethyl cyanoacrylate adhesive for bonding metal, rubber and difficult to bond plastics and synthetic rubber variants such as EPDM. The low viscosity of the adhesive permits post assembly by capillary attraction and its fast curing characteristics make it ideal for in-line production bonding.

### PHYSICAL PROPERTIES

Basis : Ethyl cyanoacrylate

#### Liquid

Appearance : Colourless  
Viscosity : 20 mPas  
Specific Gravity : 1.052g/cm<sup>3</sup>  
Flash Point : 83°C

#### Cured

Melting Point : 145°C  
Refractive Index n<sub>20</sub> : 1.48  
Dielectric Constant : 3.54 (at 10 kHz)  
Volume Resistivity : 8.6 . 10<sup>12</sup> (Ohm . cm)

<b>Adhered</b>	<b>Setting Time sec.at 25°C</b>	<b>Tensile Shear Strength N/mm<sup>2</sup></b>
Steel	5 - 10	18.5
Stainless Steel	5 - 10	15.8
Copper	3	27.1
Aluminium	5 - 10	12.3
Rigid PVC	2 - 3	32.1
Polycarbonate	2 - 5	23.6
NBR	3 - 6	6.4*

\* material failure

## **CAUTION**

Contains Cyanoacrylate Ester

Bonds skin and eyes in seconds

Keep out of the reach of children

Use safety hand cream

In the event of inadvertent skin bonding, bonded skin should be peeled apart and never directly pulled.

Use in well ventilated areas.

## **CYANOLIT 221F (CONT'D)**

### **FIRST AID INFORMATION**

Cyanolit quickly adheres to the skin, therefore the operator is recommended to use gloves. If accidental skin contact occurs, avoid vigorous attempts to remove and apply acetone to the area involved. When two fingers are bonded together, they should be separated very slowly using a third finger.

EYE CONTACT SHOULD BE AVOIDED AT ALL TIMES - Goggles are recommended. Accidental spillage into the eye should be immediately flushed with plenty of water and if necessary expert medical attention should be sought.

### **STORAGE**

Store in a closed upright container between +3°C and +20°C in a dry area. The lower the temperature the longer the ultimate shelf life but bring to room temperature before re-use.

### **AVAILABILITY**

Cyanolit is available in the following pack sizes: 20 gm, 50 gm, 100gm and 500 gm. All packs are equipped with application nozzles.

Cyanolit can also be dispensed through a range of manual and semi automatic dispensing equipment.

