

TECHNICAL DATA SHEET

CYANOACRYLATE

ADHESIVES

User-friendly Etra cyanoacrylate-based instant adhesives can be used for a wide range of applications. They are suitable for fast and virtually invisible bonding of most materials, such as plastic, rubber, metal, cork, wood, and paper. Not suitable for bonding glass. Etra instant adhesives are available in two different versions. This means that there is a suitable adhesive for almost every application. Instant adhesives have a shelf life of 24 months. Fast curing in less than 7 seconds. Withstands storage well. Good moisture resistance. NSF approval S4, suitable for use in food industry facilities (no direct contact with food/water). For absorbent materials such as leather, cardboard, cork, wood, foam, plastic, elastomers, and metal.



ACCESSORIES / ITEM NUMBER:

Etra Super Glue E-1401 20g	10340012176
Etra Super Glue E-1406 20g	10340012177
Etra Super Glue Aktivator	10340012178
Etra Super Glue Primer	10340012179

APPLICATION

Surfaces to be bonded must always be free of dust, oil, grease, and dirt. Always use a cleaning agent to ensure optimal bonding results. For cleaning, use, for example, Etra Fast Degreaser degreasing agent and/or a lint-free cleaning cloth. Also take into account evaporation time of the cleaning agent used. For optimum bonding strength, the temperature of the adhesive and the surfaces to be bonded should be between +18 °C and +25 °C before processing.

SAFETY DATA SHEETS

Please refer to the current data sheet for safety relevant data.

STORAGE & SHELF LIFE

The shelf life is a maximum of 24 months at the optimum storage temperature of +2 °C to +10 °C (e.g. in the refrigerator) in the sealed original container. A higher storage temperature leads to a significantly shorter shelf life. The storage temperature must not fall below +2 °C: Protect the product from direct sunlight, heat and humidity.

NOTE:

Please observe the information and warnings in the safety data sheets. The information contained in this technical data sheet is for informational purposes only and is believed to be accurate to the best of our knowledge. We assume no responsibility for the results. The product is only suitable for professional and experienced users. It is the user's responsibility to take precautions to protect property and people from the hazards that may arise when handling and using these products. Etra disclaims all warranties. Etra disclaims all liability for any indirect or consequential damages.

TECHNICAL DATA SHEET CYANOACRYLATE ADHESIVES

TECHNICAL PROPERTIES UNCURED PRODUCT:

	Etra Super Glue E-1401	Etra Super Glue E-1406
Chemical base:	Ethyl-2-cyanoacrylate monomer	Ethyl-2-cyanoacrylate monomer
Colour:	transparent	transparent
Viscosity 1) [mPas]:	80-130	12-22
Density 2) [g/ml]:	1,04-1,06	1,04-1,06
Flashpoint 3) [°C]:	>+81	>+81
Application temperature [°C]:	optimal at +23	optimal at +25

1) At 25 °C, Brookfield viscometer

2) Measured according to DIN 53217, part 2 density sphere model 475/III

3) Measured according to DIN 51755

CURED: ¹⁾

	Etra Super Glue E-1401	Etra Super Glue E-1406
Fixing time (joined):		
NBR rubber [s]:	1-3	< 5
Stainless steel [s]:	24-40	18-25
Final strength after [h]:	24	24

1) according to GLUETEC test method for cyanoacrylates

TECHNICAL PROPERTIES HARDENED PRODUCT:

	Etra Super Glue E-1401	Etra Super Glue E-1406
Tensile shear strength 1) [N/mm ²]:	15 - 25	15 - 25
Service temperature range [°C]:	-10 - +40	-10 - +40
Temperature range [°C]:	-40 - +100	-40 - +85
Optimal gap:	0	0
Solubility:	DMF, Acetone; Acetonitrile	DMF, Acetone; Acetonitrile

1) Tested with the manufacturer's test AA-310