



# INSTANT GLUE METAL

## Description:

Recommended for bonding **Metals**, Rubber and plastics, ceramic and most rigid materials.

High viscosity allows to fill large gaps.

## Physical properties:

Composition	Ethyl Cyanoacrylate
Viscosity (25°C -cps)	1000-1200
Gap to fill (Microns)	10-200
Temperature range	-50°C - + 80°C

## Fixture Time:

Steel	35-60 seconds
Aluminum	45-80 seconds
Zinc	35-90 seconds
PVC	35-90 seconds
ABS	25-50 seconds
NBR	5-10 seconds
Neoprene	5-10 seconds

**Properties of cured material (typical) for 24 hours @ 22 °C**

Tensile strength ISO 6922 3625-4350 psi

Softening range +160°C / +170 °C

Lap shear strength ISO 4587 per table below:

<b>Steel</b>	<b>2950-4300 psi</b>
<b>Aluminum</b>	<b>2125-3150 psi</b>
<b>ABS</b>	<b>850-2850 psi</b>
<b>PVC</b>	<b>850-2850 psi</b>
<b>Neoprene</b>	<b>700-2150 psi</b>
<b>Nitrile</b>	<b>700-2150 psi</b>

**Directions:**

Clean and degrease parts to bond.

Apply the glue to one part and fix two parts quickly.

Spread acceptable pressure to ensure the glue increase into a thin film.

Do not re-adjust until tolerable strength is accomplished.

**Storage:** Product must be kept in a cool and dry room at 10°C to 20°C.

**Shelf life:** 1 year in unopened packaging at +5°C / +27°C.

**Safety and handling:** Consult Material Safety Data Sheet (MSDS) before use.

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