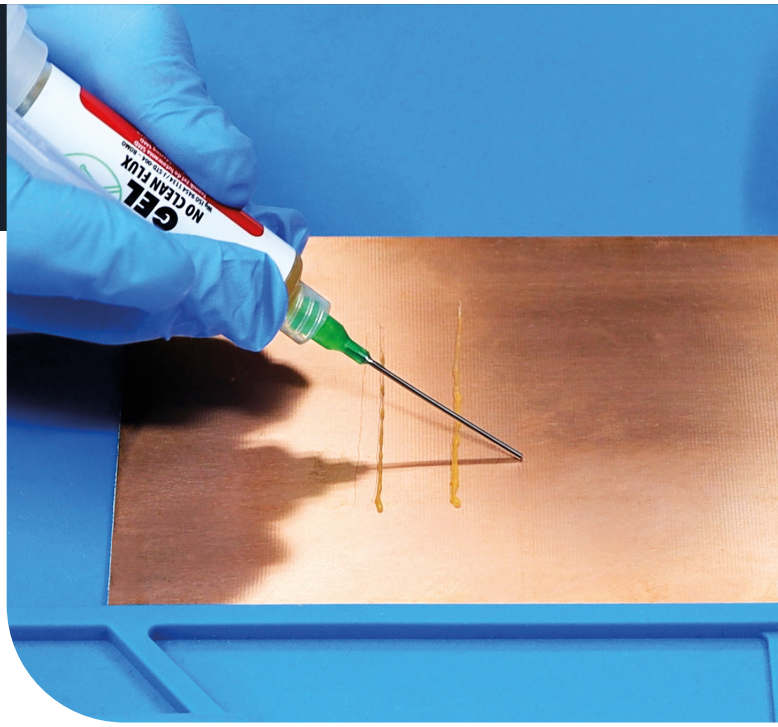
TermoPasty®

TECHNICAL DATA SHEET

Flux Gel



A unique chemical agent for soldering SMD components as well as SMT assembly and repairs. It is formulated using concentrated RMA-class rosin flux, ensuring excellent solderability on surfaces such as silver, gold, copper, zinc, cadmium, and tin-lead alloys. Our Flux Gel meets strict international standards — ISO 9454 Type 1134 and J-STD-004 ROMO — guaranteeing top-quality performance and safe usage. Designed with "No Clean" technology, it does not require removal after application, unlike many other products in its category.

Product features:

- RMA rosin-based flux gel,
- printable for up to 36 hours,
- maintains tackiness for up to 72 hours,
- convenient application,
- compliant with ISO 9454 1134 and J-STD-004 – ROMO standards,
- No Clean – no need for washing after soldering.

Applications:

- SMT assembly and repair,
- soldering on Ag, Cu, Au, Zn, Cd, and SnPb surfaces,
- soldering precision electronic components.

Physicochemical properties	
Appearance	Amber-colored paste
Density at 20°C	~1 g/cm^3
Flashpoint	>150°C
Water solubility	Not water-soluble
Shelf life	3 years

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Compatibility:

Flux Gel is chemically neutral to most materials used in electronics, making it an ideal tool for working with components made of copper, silver, gold, and tin-lead alloys. Its gel-like formula minimizes the risk of flux spreading and ensures even distribution.

Application method	
Cartridge	Yes
Syringe	Yes
Sieve	Yes
Stencil	Yes
Reflow Soldering	Yes

Usage instructions:

Restricted to professional users. Read safety data sheet carefully prior to use.

Ensure the surface is clean before use. Apply a small amount of gel flux to the soldering area using a syringe or another application method. Proceed with soldering using the appropriate temperature and technique. The flux leaves no soldering residues (No Clean).

Package	
Syringe	1.5 g (ART.AGT-047) - 5 pcs.* 14 g (ART.AGT-088) - 8 pcs.*
Cartridge	11 g (ART.AGT-179) - 8 pcs.*
Metal can	60 g (ART.AGT-089) - 4 pcs.*
Plastic box	1 kg (ART.AGT-310) - 1 pc.*

*Quantity of pcs. in a bulk package.

Storage:

Store in a well-ventilated, cool, dry place. Keep containers tightly sealed when not in use.

Technical support:

AG TermoPasty provides technical support, answering questions about the technical specifications and applications of our products. Please contact us via email at info@termopasty.pl.

Note

The data presented in this document reflect our current state of knowledge and describe the typical properties and applications of the product. However, the responsibility for determining the suitability of this product for specific applications lies with the user. AG TermoPasty is not liable for the results of the product's use, as the conditions of its application are beyond our control.