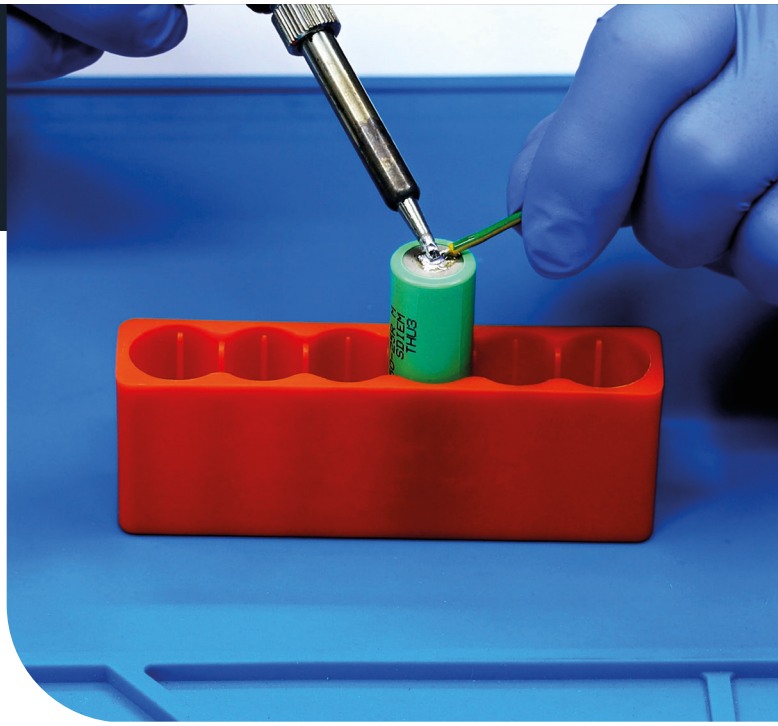
TermoPasty®

TECHNICAL DATA SHEET

Soldering acid



A reliable tool for hard-to-solder surfaces, such as nickel-plated components. Its highly active formula provides fast action and excellent results, ensuring strong and durable joints. The product meets ISO 9454 type 3311 and J-STD-004 INM0 standards, confirming its high quality and safety in use. An ideal choice for professional electronics services, workshops, and hobbyists alike.

Product features:

- highly active formula,
- fast action,
- high effectiveness,
- minimum content of 28% non-volatile substances,
- compliance with ISO 9454 type 3311 and J-STD-004 INM0 standards,
- Water-soluble – requires cleaning with demineralized water after soldering.

Applications:

- soldering of nickel-plated surfaces,
- soldering of Li-Ion cells,
- service and repair work in electronics.

Physicochemical properties	
Color	Colorless
Odor	No unpleasant odor
Density at 20°C	1.2 g/cm^3
Viscosity at 20°C	19 cP
pH	<1
Water solubility	Unlimited
Content of non-volatile substances	min. 28%
Shelf life	3 years

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Compatibility:

Soldering acid is safe to use on hard-to-solder metal surfaces, including nickel-plated ones. Its chemically stable formula prevents residue formation and enables fast and durable solder joints. Water solubility ensures easy removal of residues, minimizing the risk of corrosion.

Application method	
Brush	Yes
Spraying with flux	Yes
Bottle	Yes

Usage instructions:

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

Before use, make sure the surface is clean. Apply a small amount of soldering acid to the area to be soldered to achieve a strong and durable joint. After soldering, rinse the soldered area with warm (approx. 50°C) deionized water using a soft, antistatic brush to remove residues. Then rinse with cold water to wash away any remaining deposits. For best results, use the water-based PCB Cleaner, which effectively prevents corrosion and contamination of soldered components.

Package	
Bottle	35 ml (ART.AGT-117) - 20 pcs.* 100 ml (ART.AGT-246) - 16 pcs.* 500 ml (ART.AGT-272) - 1 pc.* 1 l (ART.AGT-271) - 1/4 pcs.*
Bottle with brush	50 ml (ART.AGT-253) - 8 pcs.* 100 ml (ART.AGT-319) - 8 pcs.*

*Quantity of pcs. in a bulk package.

Storage:

Store the product in the manufacturer's original packaging, in a dry, ventilated, and shaded area at a temperature of 5–25°C. Do not pour into containers made of metal. Do not store opened packages together with alkaline products.

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.