

# Flux AG5

A medium-active, rosin-free solution in alcohol containing organic compounds. It is specifically designed for high-temperature soldering (300-400°C). Ideal for working with SMD components and challenging connections, it ensures reliability and durability under the most demanding conditions. The product complies with the highest quality standards, including ISO 9454 type 2234 and J-STD-004 ORM0, ensuring excellent performance and safety.

## Product features:

- ✓ medium-active formula,
- ✓ rosin-free,
- ✓ excellent wetting and adhesion,
- ✓ high-temperature soldering (300-400°C),
- ✓ compliance with ISO 9454 type 2234 and J-STD-004 ORM0 standards,
- ✓ alcohol-soluble – residues can be removed with ethyl or isopropyl alcohol.

## Application:

- ✓ soldering SMD components,
- ✓ tinning and soldering surfaces coated with polyurethane varnishes,
- ✓ soldering silver-plated and tin-plated elements.

## Physicochemical properties

<b>Appearance</b>	Transparent liquid
<b>Odor</b>	Alcoholic-resinous
<b>Density at 20°C</b>	0.86 g/cm <sup>3</sup>
<b>Viscosity at 20°C</b>	24 cP
<b>Soldering temperature</b>	300-400°C
<b>pH (1% aqueous solution)</b>	6.4
<b>Solubility in water</b>	Partial
<b>Non-volatile content</b>	Min. 15%
<b>Specific surface resistance (ASTM D1169)</b>	2.1*10 <sup>3</sup> p <sub>v</sub> Ω x m 2.1*10 <sup>5</sup> Ω x cm
<b>Shelf life</b>	3 years



**Compatibility:**

Flux AG5 is chemically neutral to most materials used in electronics. Its formula minimizes the risk of damage or corrosion, and easily removable residues allow for clean and durable finishes.

Application Methods	
Bottle	Yes
Brush	Yes
Spraying with flux	Yes
Dipping in flux	Yes

**Usage instructions:**

**Restricted to professional users. Read SDS carefully prior to use.**

Before use, ensure that the surface is clean. Apply the flux using a brush, by dipping, or with a spraying method. Proceed with soldering at temperatures of 300-400°C, ensuring proper wetting and solder flow. After soldering, remove residues with ethyl or isopropyl alcohol to achieve a clean and durable connection.

Packaging	
Bottle with brush	100 ml (ART.AGT-040) - 8 pcs.*
Bottle	500 ml (ART.AGT-071) - 1 pcs.* 1 l (ART.AGT-072) - 1/4 pcs.*

\*Quantity of pcs. in a bulk packag

**Storage:**

Store in plastic containers (e.g., HDPE, PP, or PVC). Keep containers tightly sealed in a dry, ventilated room out of reach of children at temperatures between 5-25°C. Do not store with oxidizing substances.

**Technical support:**

AG TermoPasty provides technical support and answers questions regarding the technical specifications and applications of its products. Contact us at [info@termopasty.pl](mailto: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.

