

Flux AC81/N

This rosin-free, highly active flux type 2.12/3 A is an aqueous solution of organic compounds. Its advanced formula ensures excellent wettability and durability of joints, meeting the highest quality standards. Compliant with ISO 9454 type 2124 and J-STD-004 ORH1 standards, it is an ideal solution for both professionals and hobbyists involved in soldering PCB boards and SMD components.

Product features:

- ✓ high chemical activity,
- ✓ effectively removes oxides and contaminants,
- ✓ excellent wettability of soldered surfaces,
- ✓ compliance with ISO 9454 type 2124 and J-STD-004 ORH1 standards,
- ✓ Water soluble – requires rinsing with demineralized water after soldering.

Application:

- ✓ soldering printed circuit boards and SMD components,
- ✓ use in roll tinning machines (rolltinner),
- ✓ precision soldering with Sn60/Pb alloys.

Physicochemical properties

Appearance	Transparent liquid
Odor	Sharp, alcohol-glycerin
Density at 20°C	0.83 g/cm ³
Viscosity at 20°C	23 cP
Boiling point	80-105°C
Water solubility	Complete
Specific cross-resistance (ASTM D1169)	2.4*10 ² p _v Ω x m 2.4*10 ⁴ Ω x cm
Shelf life	3 years



Compatibility:

Flux AC81/N is suitable for use on various metal and electronic surfaces. Its rosin-free formula minimizes the risk of residues and ensures safety for delicate components.

Application Methods	
Brush	Yes
Flux wave	Yes
Rolling application	Yes

Usage instructions:

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

Before soldering, apply flux to the soldering surface using a brush or another application method. After completing the process, 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 prevent deposits from forming.

For better results, use a Water PCB Cleaner, which effectively prevents corrosion and contamination of soldered components.

Package

Bottle with brush	100 ml (ART,AGT-110) – 8 pcs.*
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*Quantity of pcs. in a bulk package.

Storage:

Store the material in plastic containers (e.g., made of HDPE, PP, or PVC). The containers must be kept tightly closed in a dry, ventilated area inaccessible to children. Do not store together with oxidizing substances or materials that react strongly with water.

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.

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.

