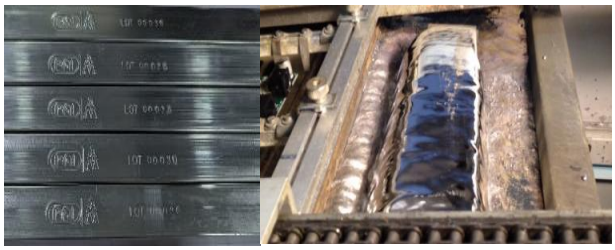
SAC305 SOLDER BAR

- Excellent Wetting Property
- Superior Solderability
- Melting Point: 217°C-220°C
- Strong & Reliable Solder Joint
- In Accordance with ISO 9453: 2020



DESCRIPTION

PAI SAC305 solder sticks are engineered using virgin-grade raw metals and processed through Vaccualloy Technology, a cutting-edge vacuum alloying method. This advanced technique eliminates oxygen interaction during alloy production, ensuring exceptional metallurgical purity, minimal dross formation, and superior performance in electronic soldering applications.

HANDLING & STORAGE

PARAMETER	DURATION	TEMPERATURE
Shelf Life	10 years	Room Temperature

Store the material in a dry, cool, and non-corrosive area, away from fire or open flames. Always wear appropriate Personal Protective Equipment (PPE) while handling or processing to ensure safety.

STANDARD AVALIBILITY

SAC305 is available in 10kgs of standard packaging. SAC305 is also available in flux cored wire & solder paste.

ALLOY COMPOSITION

ALLOY COMPOSITION CRITERIA		
Sn: Rem	Ag: 2.8%-3.2%	Cu: 0.3%-0.7%

APPLICATION

SAC305 solder bars are used in various lead-free soldering applications, particularly in wave, selective, and hand soldering. They are also used in surface mount technology (SMT) reflow processes. PAI SAC305 is ideal for high reliability soldering across various industries. It is widely used in consumer electronics (smartphones, laptops, smart devices), automotive systems (ECUs, ADAS, EV components), industrial controls (automation, robotics, power systems), aerospace and defence (RoHS-compliant avionics and control modules), and telecom and networking (servers, switches, fiberoptics). Its high purity and low dross make it perfect for demanding electronic assemblies.

SAFETY

Ensure adequate ventilation during use. Always wear appropriate personal protective equipment (PPE). Consult the Safety Data Sheet (SDS) for detailed emergency procedures. Dispose of hazardous materials only in approved containers.

For more details, please visit Our Website at www.pai-aimsolder.com or

Write to us on support@pai-aimsolder.com

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