

AMTECH

Advanced SMT Solder Products

Solder Paste

AMTECH offers a wide variety of solder paste, including **no-clean**, **water washable**, and **RMA** formulations in jars, syringes, and cartridges. We offer the industry's best turnaround time and can ship to meet your most challenging just-in-time (JIT) requirements.



Tacky Flux

AMTECH tacky fluxes are designed to complement our entire product line, including **no-clean**, **water washable**, and **RMA** formulations. Our advanced chemistries can be used for general touch-up and rework, attaching spheres to microelectronic packages, and soldering Flip Chip components to various PCB substrates.



	Paste	Classification	Tack (typical)	Viscosity (Typical)	No-Clean	Water Washable	RMA	Halogen Free	Tacky Flux	Core Wire
Lead Free	VS-213A <i>Halogen Free, Lowest voiding on LGA components</i>	ROLO	32g	1575	✓			✓	VS-213A-TF	NC-61
	SynTECH-LF <i>Lead Free, higher viscosity solder paste</i>	ROLO	64g	1850	✓				SynTECH-LF-TF	NC-61
	NC-560-LF <i>Lead Free, high activity solder paste for oxidized parts or boards, suitable for Ni/Au finished board surfaces</i>	ROLO	36g	1675	✓				NC-560-TF	NC-61
	RMA-223-LF <i>Lead Free, RMA Based Flux</i>	ROM1	34g	2100			✓		RMA-223-LF-TF	WRMAP
	LF-4300 <i>Lead Free, Water Washable L0 solder paste for military / avionics applications, ultra low voiding</i>	RELO	37g	1850		✓			LF-4300-TF	4300
	NWS-4400-HA-LF <i>Lead Free, Water Washable solder paste for oxidized parts or boards</i>	REM1	34g	2400		✓			LF-4300-TF	4300
	VS-213A <i>Halogen Free, Lowest voiding on LGA components</i>	ROLO	32g	1600	✓			✓	VS-213A-TF	NC-61
	NC-559-V2 <i>High activity, No-clean solder paste for oxidized parts or boards</i>	ROLO	54g	2550	✓				NC-559-V2-TF	NC-61
Lead	SynTECH-N <i>Halogen Free, Low Voiding solder paste</i>	ROLO	44g	1300	✓			✓	SynTECH-TF	NC-61
	4300 <i>Water Washable L0 solder paste for military / avionics applications, ultra low voiding</i>	RELO	37g	2375		✓			4300-TF	4300
	NWS-4400-HA <i>High Activity, Water Washable solder paste for oxidized parts or boards</i>	REM1	34g	2375		✓			4300-TF	4300
	RMA-223 <i>Military / Avionics grade RMA solder paste</i>	ROLO	48g	2375			✓		RMA-223-TF	WRMAP
	4300 <i>Water Washable L0 solder paste for military / avionics applications, ultra low voiding</i>	RELO	37g	2100		✓			4300-TF	4300
Low Temp										

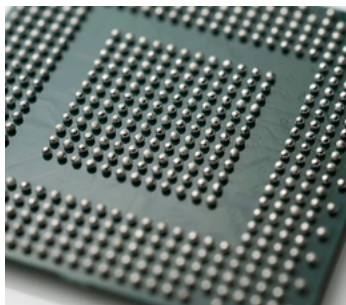
Solder Spheres & Preforms

Spheres

AMTECH solder spheres and preforms are manufactured from high purity conflict-free metals that meet and exceed IPC and MIL standards.

i Sphere Sizes:

MIL	MM
30	.762
25	.635
24	.610
20	.508
18	.457
16	.406
15	.381
14	.356
12	.305
10	.254



Preforms

Our preforms are custom manufactured to strict tolerances, consistently delivering the desired amount of solder. Our preforms are available in fluxed and flux less options, as well as tape and reel.

- i **Preform Sizes:** Length/Width; from 0.0035" to 3.0" (90µm to 75mm)
- i **Thickness:** As low as 0.0003" (7.5µm)
- i **Tolerance:** to +/- 0.0001 (2.5µm)



Bar Solder

AMTECH bar solder is manufactured from high purity conflict-free metals that meet and exceed IPC standards. Our bar solder comes in all standard alloys and can be custom ordered in non-standard alloys.



Core Wire

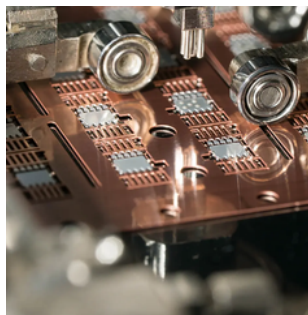
AMTECH core wire is manufactured from high purity conflict-free metals that meet and exceed all relevant IPC and ASTM B32 standards. Our core wire is available with 1.1, 2.2, & 3.3% flux core in most wire diameters and in many alloys, including lead-free formulations. Our core wire is packaged in easy to use evenly wound rolls.

- i **No-Clean:** NC-61 Series
- i **Water Washable:** 4300 Series
- i **Rosin Mildly Activated:** WRMAP Series



Liquid Flux

Inventec offers solvent-based liquid fluxes and environmentally friendly water-based fluxes. These soldering fluxes are designed for wave soldering, selective soldering, and tinning processes, ensuring consistent quality and minimal defects. INVENTEC's ECOFREC™ tinning fluxes ensure reliable cable tinning with excellent solderability, minimal residue, and strong environmental compliance across all soldering methods.



IPA Wipes

The Amtech 7" x 7" Isopropyl Wipes are pre-saturated cloths made with 70% isopropyl alcohol and 30% ultra-pure deionized water. They're designed for fast, residue-free cleaning, are safe on plastic surfaces (won't dull them), and come in a pack of 100 wipes.

