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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, cartridges, and ProFlow Cassettes. 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 (Poise-typical)	No-clean	Water washable	RMA	Halogen free	Tacky flux	Core wire
Lead Free	VS-213A Halogen Free, Lowest voiding on LGA components	ROLO	32g	1575	x			x	VS-213A-TF	NC-61
	SynTECH-LF Lead Free, higher viscosity solder paste	ROLO	64g	1850	x				SynTECH-LF-TF	NC-61
	NC-560-LF Lead Free, high activity solder paste for oxidized parts or boards, suitable for Ni/Au finished board surfaces	ROLO	36g	1675	x				NC-560-TF	NC-61
	RMA-223-LF Lead Free, RMA Based Flux	ROM1	34g	2100			x		RMA-223-LF-TF	WRMAP
	LF-4300 Lead Free, Water Washable L0 solder paste for military/avionics applications, ultra low voiding	RELO	37g	1850		x			LF-4300-TF	4300
	NWS-4400-HA-LF Lead Free, Water Washable solder paste for oxidized parts or boards	REM1	34g	2400		x			LF-4300-TF	4300
	NWS-4200-LF Lead Free, Water Washable solder paste, for oxidized parts or boards	ORH1	34g	1325		x			NWS-4200-LF-TF	4300
Standard	VS-213A Halogen Free, lowest voiding on LGA components	ROLO	32g	1600	x			x	VS-213A-TF	NC-61
	NC-559-ASM High activity No Clean solder paste for oxidized parts or boards	ROLO	54g	2550	x				NC-559-ASM-TF	NC-61
	SynTECH-N Halogen Free, Low Voiding solder paste	ROLO	44g	1300	x			x	SynTECH-TF	NC-61
	4300 Water Washable L0 solder paste for military/avionics applications, ultra low voiding	RELO	37g	2375		x			4300-TF	4300
	NWS-4200 High Activity, Water Washable, organic acid solder paste	ORM1	34g	1500		x			NWS-4200-TF	4300
	NWS-4400-HA High activity Water Washable solder paste for oxidized parts or boards	REM1	34g	2375		x			4300-TF	4300
	NWS-4200-6 Highest activity Water Washable solder paste, not for BGA assemblies	ORH1	34g	1425		x			NWS-4200-6-TF	4300
	RMA-223 Military/Avionics grade RMA solder paste	ROLO	48g	2375			x		RMA-223-TF	WRMAP
	RMA-223-AS Higher activity RMA solder paste for oxidized parts or boards	ROM1	48g	2200			x		RMA-223-TF	WRMAP
Low Temp	NC-31 Halogen Free, No Clean solder paste for low temperature alloys	ROLO	48g	1500	x				SynTECH-TF	NC-61
	4300 Water Washable L0 solder paste for military/avionics applications, ultra low voiding	RELO	37g	2100		x			4300-TF	4300

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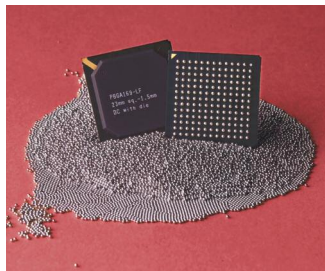
Solder Spheres and Preforms

Spheres:

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

Sphere Sizes:

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



Other sizes available upon request.

Our solder spheres are available in Sn63/Pb37, Sn10/Pb90, and SAC305 alloys.

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.



Preform Sizes:

Length/Width; from 0.0035" to 3.0"
(90µm to 75mm)

Thickness: As low as 0.0003" (7.5µm)

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



Flux-Righter™

AMTECH liquid fluxes are available in Flux-Righter™ pens, a unique tool for rework and touch-up soldering. Our Flux-Righter™ allows a controlled amount of flux to be applied, thus eliminating messy conventional flux bottles.



Liquid Flux

AMTECH serves its customers as a distributor for Superior Flux & Manufacturing Co., a leading manufacturer of liquid fluxes for the electronics assembly market. AMTECH stocks Superior products in all standard packaging.



INVENTEC
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