

WELCO PASTEWELD

FLUXES

50/50 PASTE SOLDER ALLOY FOR TORCH, IRON OR FURNACE

A TIN-LEAD PASTE SOLDER COMPOUND IN WATER SOLUBLE FLUX FOR "PAINT ON" APPLICATIONS.

Applications: WELCO PASTEWELD joins practically all metals except the white metals with excellent control of alloy deposit. It is used primarily for delicate work: tubing, jewelry, instruments, auto-body tinning, wiring, radiators, utensils, plumbing, air conditioning and sheet metal applications. It is excellent where pre-placement of solder is required for furnace and/or automatic soldering applications.

Procedure: The joint area should be cleaned and roughened. PASTEWELD can be applied with a brush or any spatula type tool. The method of heating may be torch, iron or furnace. Flux residue may be removed with a wet cloth or hot water rinse.

Features: Tensile strength — Up to 6,500 psi Precise alloy — flux ratio
Solidus — 361°F Liquidus — 421°F Water soluble



Packaging: WELCO PASTEWELD is packed in one pound cans (Stock No. PASTW01) \$21.69

TIN/LEAD GENERAL PURPOSE SOLDERS COMMON WIRE SOLDERS



Properties:	Composition			Specification		
	Solder	Tin	Lead Antimony	Solidus	Liquidus	ASTM B32-86
	40/60	40	60 -	360°F	460°F	Sn40A
	60/40	60	40 -	360°F	375°F	Sn60
	50/50	50	50 -	360°F	420°F	Sn50
	95/5	95	— 5	452°F	464°F	Sb5

TIN/LEAD 50/50, 40/60, 60/40

The tin/lead solder group constitutes the largest portion of solders in use. With some exceptions, the tin/lead solders can be used to solder copper, most copper alloys, lead, high nickel alloys and steel. Heat sources include soldering guns, irons and torch applications. Caution: Lead-bearing solders are not to be used in potable water systems.

Packaging: 1 lb., 5 lb., and 25 lb spools,

50/50 Solder			60/40 Solder		
\$10.18	505011	50/50 Solder - 1/32 x 1lb. spool	\$10.75	40A51	40/60 Acid Core - 3/32 x 1 lb. spool
\$9.68	505021	50/50 Solder - 3/64 x 1lb. spool	\$10.25	40A61	40/60 Acid Core - 1/8 x 1lb. spool
\$8.68	505031	50/50 Solder - 1/16 x 1lb. spool	\$10.41	40R31	40/60 Rosin Core - 1/16 x 1lb. spool
\$8.18	505051	50/50 Solder - 3/32 x 1lb. spool	\$9.91	40R51	40/60 Rosin Core - 3/32 x 1lb. spool
\$7.68	505061	50/50 Solder - 1/8 x 1 lb. spool	\$9.41	40R61	40/60 Rosin Core - 1/8 x 1lb. spool
\$38.40	505055	50/50 Solder - 3/32 x 5lb. spool	\$51.80	40R35	40/60 Rosin Core - 1/16 x 5lb. spool
\$38.15	505065	50/50 Solder - 1/8 x 5lb. spool	\$49.30	40R55	40/60 Rosin Core - 3/32 x 5lb. spool
\$190.75	5050625	50/50 Solder - 1/8 x 25lb. spool	\$44.30	40R65	40/60 Rosin Core - 1/8 x 5lb. spool
\$11.25	50A31	50/50 Acid Core - 1/16 x 1lb. spool	60/40 Solder		
\$10.75	50A51	50/50 Acid Core - 3/32 x 1lb. spool	\$8.75	604031	60/40 Solder - 1/16 x 1lb. spool
\$10.25	50A61	50/50 Acid Core - 1/8 x 1lb. spool	\$8.25	604051	60/40 Solder - 3/32 x 1 lb. spool
\$56.00	50A35	50/50 Acid Core - 1/16 x 5lb. spool	\$7.75	604061	60/40 Solder - 1/8 x 1lb. spool
\$53.50	50A55	50/50 Acid Core - 3/32 x 5lb. spool	\$43.50	604035	60/40 Solder - 1/16 x 5lb. spool
\$51.00	50A65	50/50 Acid Core - 1/8 x 5lb. spool	\$41.00	604055-5	60/40 Solder - 3/32 x 5lb. spool
\$11.25	50R31	50/50 Rosin Core - 1/16 x 1lb. spool	\$38.50	604065	60/40 Solder - 1/8 x 5lb. spool
\$10.75	50R51	50/50 Rosin Core - 3/32 x 1lb. spool	\$192.50	6040625	60/40 Solder - 1/8 x 25lb. spool
\$10.25	50R61	50/50 Rosin Core - 1/8 x 1lb. spool	\$7.70	60401B	60/40 Bar Solder - 1lb. bar
\$56.00	50R35	50/50 Rosin Core - 1/16 x 5lb. spool	\$7.70	6040TB	60/40 Trimeter Bar - bar
\$53.50	50R55	50/50 Rosin Core - 3/32 x 5lb. spool	\$12.49	60A31	60/40 Acid Core - 1/16 x 1lb. spool
\$51.00	50R65	50/50 Rosin Core - 1/8 x 5lb. spool	\$11.99	60A51	60/40 Acid Core - 3/32 x 1lb. spool
\$7.63	50501B	50/50 Bar Solder - 1lb. bar	\$11.49	60A61	60/40 Acid Core - 1/8 x 1lb. spool
\$7.63	5050TB	50/50 Trimeter Bar - bar	\$59.70	60A55	60/40 Acid Core - 3/32 x 5lb. spool
40/60 Solder			\$57.20	60A65	60/40 Acid Core - 1/8 x 5lb. spool
\$7.74	406031	40/60 Solder - 1/16 x 1lb. spool	\$286.00	60A625	60/40 Acid Core - 1/8 x 25lb. spool
\$7.24	406051	40/60 Solder - 3/32 x 1lb. spool	\$13.99	60R11	60/40 Rosin Core - 1/32 x 1lb. spool
\$6.74	406061	40/60 Solder - 1/8 x 1lb. spool	\$13.49	60R21	60/40 Rosin Core - 3/64 x 1lb. spool
\$38.45	406035	40/60 Solder - 1/16 x 5lb. spool	\$12.49	60R31	60/40 Rosin Core - 1/16 x 1lb. spool
\$35.95	406055	40/60 Solder - 3/32 x 5lb. spool	\$11.99	60R51	60/40 Rosin Core - 3/32 x 1lb. spool
\$33.45	406065	40/60 Solder - 1/8 x 5lb. spool	\$11.49	60R61	60/40 Rosin Core - 1/8 x 1lb. spool
\$6.69	40601B	40/60 Bar Solder - 1lb. bar	\$62.22	60R35	60/40 Rosin Core - 1/16 x 5lb. spool
\$6.69	4060TB	40/60 Trimeter Bar - bar	\$59.70	60R55	60/40 Rosin Core - 3/32 x 5lb. spool
\$11.25	40A31	40/60 Acid Core - 1/16 x 1lb. spool	\$57.20	60R65	60/40 Rosin Core - 1/8 x 5lb. spool

TIN/ANTIMONY 95/5

The tin/antimony solder is useful for applications where moderately elevated temperature is a factor. It has a high electrical conductivity and is recommended where lead contamination must be avoided. The tin/antimony solders are not recommended for use on brass.

95/5 Solder		
\$12.30	955531	95/5 Solder - 1/16 x 1lb. spool
\$11.80	95551	95/5 Solder - 3/32 x 1lb. spool
\$11.30	95561	95/5 Solder - 1/8 x 1lb. spool
\$61.25	95535	95/5 Solder - 1/16 x 5lb. spool
\$58.75	95555	95/5 Solder - 3/32 x 5lb. spool
\$56.25	95565	95/5 Solder - 1/8 x 5lb. spool
\$11.25	9551	95/5 Bar Solder - 1lb. bar
\$11.25	955TB	95/5 Trimeter Bar - bar