



# Soldering Alloys


for both HVACR and plumbing applications

Sales Contacts

Stock Numbers and Sizes:

Alloy	Stock No	Size	Application
40/60	40R61	1/8" 1lb. sp 1 lb. 50 per carton	These tin/lead solders can be used, with some exceptions, to join copper and most copper alloys, lead, nickel alloys and steel. Tin/lead solders are not recommended for joints subject to high stress or vibration in the cooling industry due to lack of sufficient elongation properties. These solders are also available with rosin or acid core. Note: it is illegal to use lead solders in both public and private potable water systems.
	40R51	3/32" 1lb. sp 1 lb. 50 per carton	
	40R31	1/16" 1lb. sp 1 lb. 50 per carton	
	40A61	1/8" 1lb. sp 1 lb. 50 per carton	
	40601B	bar 1lb. sp 1 lb. 50 per carton	
	406065	1/8" 5 lb. sp 1 lb. & 5 lb. spools, 50 per carton	
	406061	1/8" 1 lb. 1 lb. 50 per carton	
	50R61	1/8" 1lb. sp 1 lb. 50 per carton	
	50R51	3/32" 1lb. sp 1 lb. 50 per carton	

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Click and drag empty space in the boxes to rearrange them.  
Minimize them by clicking the  buttons.

**50/50**

50R31	1/16" 1lb. sp 1 lb. 50 per carton
50A65	1/8" 1lb. sp 1 lb. 50 per carton
50A61	1/8" 1lb. sp 1 lb. 50 per carton
50A31	1/16" 1lb. sp 1 lb. 50 per carton
5050TB	Bar
50501B	Bar Solder 1lb. sp 1 lb. 50 per carton
505065	1/8" 5lb. sp 5 lb. spools, 50 per carton
505061	1/16" 1lb. sp 1 lb. 50 per carton
505031	1/16" 1lb. sp 1 lb. 50 per carton

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**60/40**

60R61	1/8" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton
60R51	3/32" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton
60R31	1/16" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton
60R11	1/32" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton
60A61	1/8" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton

These tin/lead solders can be used, with some exceptions, to join copper and most copper alloys, lead, nickel alloys and steel. Tin/lead solders are not recommended for joints subject to high stress or vibration in the cooling industry due to lack of sufficient elongation properties. These solders are also available with rosin or acid core. Note: it is illegal to use lead solders in both public and private

	60401B	1lb. bar 1 lb. & 5 lb. spools, 50 per carton	potable water systems.
	604065	1/8" 5lb. sp 1 lb. & 5 lb. spools, 50 per carton	
	604061	1/8" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton	
	604031	1/16" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton	
95/5	95565	1/8" 5lb. sp 1 lb. & 5 lb. spools, 50 per carton	Tin/antimony solder well suited for applications where moderately elevated temperature is a factor. With higher electrical conductivity and high fluidity, 95/5 is recommended for lead free installation of small diameter, tight fitting connections. Not recommended for use on brass or HVAC connections.
	95535	1/16" 5lb. sp 1 lb. & 5 lb. spools, 50 per carton	
	95561	1/8" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton	
	95551	3/32" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton	
	95531	1/16" 1lb. sp 1 lb. & 5 lb. spools, 50 per carton	

	<b>Alsolder</b>	Alsolder 500		Forms excellent, corrosion resistant joints on the tough to solder aluminum alloys. Joins all solderable aluminum alloys to each other and to dissimilar metals, both ferrous and nonferrous, Also beneficial as a high temperature solder on most other metals. Use with <a href="#">STAY-CLEAN Aluminum flux</a>
	<b>Bridgit</b>	BRGT65	1/8" 5lb. sp	Lead-free solder widely used in plumbing applicatons where lead-bearing solders are prohibited. Contains nickel, making joints tremendously strong. Wide plastic range makes Bridgit and excellent alloy for large diameter fittings and ill-fitted on non-concentric pipes. Fills gaps and caps off easily and effectively. Use with <a href="#">BRIDGIT paste flux</a>
		BRGT61	1/8" 1lb. sp	
		BRGT51	3/32" 1lb. sp	
		BRGT31	1/16" 1lb. sp	
	<b>HARRIS 52</b>	5260	1/8" x 1/8" 5lb. tb 4 tubes per carton	Zinc alloy for torch or TIG Aluminum-No flux is needed, use a stainless steel wire brush to clean the aluminum, rub the rod on the heated part until it melts and flows, remove the flux residue with warm water. TIG welding - Use argon gas, AC high frequency Features - Tensile strength - 39,000 psi, melting point, 7320F Color match is excellent, self-fluxing on aluminum. Use with <a href="#">HARRIS 52 flux</a>
	<b>Stay-Brite</b>	SBSK	Solder Kit 1/2 oz.coil with 1/2 oz. of Stay-Clean Flux	Silver-bearing solders often used throughout the refrigeration/air conditioning industry instead of brazing alloys. Both Stay-Brite and Stay-Brite 8 produce an overall component with greater strength than a brazed component whose base metals are weakened by annealment from high brazing heat. Stay-Brite solders bond with all of the ferrous and nonferrous alloys. Joints soldered with Stay- Brite solders exhibit considerably higher
		SB61	1/8" 1lb. 12 lbs. per display carton, 48 lbs. per shipping carton	
		SB51	3/32" 1lb. 12 lbs. per display carton, 48 lbs. per shipping carton	

<b>Stay-Brite 8</b>	SB31	1/16" 1lb. 12 lbs. per display carton, 48 lbs. per shipping carton	than nescessay elongation for sound, dissimilar metal joints and vibration applications. Stay-Brite 8 is especially effective in filling loosely fitted couplings.
	SB11	1/32" 1lb. 12 lbs. per display carton, 48 lbs. per shipping carton	
	SB855	3/32" 5 lb. 50 lbs. per carton	Silver-bearing solders often used throughout the refrigeration/air conditioning industry instead of brazing alloys. Both Stay-Brite and Stay-Brite 8 produce an overall component with greater strength than a brazed component whose base metals are weakened by annealment from high brazing heat. Stay-Brite solders bond with all of the ferrous and nonferrous alloys. Joints soldered with Stay- Brite solders exhibit considerably higher than nescessay elongation for sound, dissimilar metal joints and vibration applications. Stay-Brite 8 is especially effective in filling loosely fitted couplings.
	SB861	1/8" 1lb. 12 lbs. per display carton, 48 lbs. per shipping carton	
	SB831	1/16" 1lb. 12 lbs. per display carton, 48 lbs. per shipping carton	
	SB811	1/32" 1lb. 12 lbs. per display carton, 48 lbs. per shipping carton	

## Solders



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