General-Purpose Soldering Alloys

Rosin Core

- Quick-wetting rosin core helps assure perfect solder connections
- Optimal combination of tensile strength and low melting point prevents damage of sensitive components used in electronics
- For all electrical applications of copper, silver plate, tin plate and gold plate
- Non-corrosive, non-acid core

Description	Tin/Lead Content	Dia. (Inches)	Melting Point	Lawson No.	Pkg. Qty.
1 Lb. Spool	60/40	0.032	376°F (191°C)	**96331***	1 Spool
1 Lb. Spool	60/40	0.040	376°F (191°C)	**96332***	1 Spool
1 Lb. Spool	60/40	0.050	376°F (191°C)	**96333***	1 Spool
1/4 Lb. Spool	60/40	0.062	376°F (191°C)	**96330***	1 Spool
1/2 Lb. Spool	60/40	0.062	376°F (191°C)	**96334***	1 Spool
1 Lb. Spool	60/40	0.062	376°F (191°C)	**88655***	1 Spool
1 Lb. Spool	30/70	0.093	491°F (255°C)	**26623**	1 Spool
5 Lb. Spool	30/70	0.093	491°F (255°C)	**26622**	1 Spool

**Excellent for electronic applications*

Acid Core

- For all non-electrical applications of copper, steel, nickel plate, brass and tin plate
- Excellent for auto radiators, copper tubing, tools and gutters
- 0.125" dia.

Description	Tin/Lead Content	Melting Point	Lawson No.	Pkg. Qty.
1 Lb. Spool	40/60	460°F (238°C)	**88657**	1 Spool
1 Lb. Spool	30/70	491°F (255°C)	**26621***	1 Spool
5 Lb. Spool	30/70	491°F (255°C)	**26620***	1 Spool

**Not for use in water*

Solid Core

- Tin/lead content 50/50
- Use on sweat fittings, sheet metal and other big jobs
- Does not contain flux
- 0.125" dia.
- Melting point: 421°F (216°C)
- Recommended fluxes: F920 (Part No. CW1099), F930 (Part No. CW1092) and 934 Gel (Part No. P16500)

Description	Lawson No.	Pkg. Qty.
1 Lb. Spool	**26625**	1 Spool
5 Lb. Spool	**26624**	1 Spool

Conductaloy™ Super-Set™ Solder

Silver-bearing solder with super-active rosin flux

- Low melting temperature (355°F/179°C) means less chance of heat damage to surrounding parts and circuit boards
- Instant setting helps reduce cold solder joints
- Non-corrosive, non-charring rosin flux core cleans like an acid flux but does not damage delicate printed circuit board traces
- Silver content provides high conductivity
- Excellent tensile and shear strength, up to 25% stronger than 60/40 solders
- Applications: High-vibration electrical connections, sensitive electronic components and circuit chips, battery cables and terminals, large terminal lugs and hard to solder materials

Description	Dia. (Inches)	Lawson No.	Pkg. Qty.
1 Lb. Spool	1/40 (.025)	**P52073**	2
12' Pocket Tube	1/32 (.032)	**P52064**	6
11' Pocket Tube	1/16 (.063)	**P52067**	6

Technical Information

Characteristics	Super-Set	Ordinary Solder
Tensile Strength	Up to 8,700 PSI	7,500 PSI or Less
Shear Strength	Up to 6,930 PSI	5,500 PSI or Less
Plastic Range	0°	60°
Melt Temperature (°F)	355°	421°
Re-melt Temperature (°F)	355°	361°
Flux Type	Controlled Flux Cored	Liquid or Dry Powder
Wetting Ability	Excellent	Fair
Pre-cleaning of Oxidized Copper	Not Required	Required