Tin Silver
Paste

SnAg

Product Features

- ✓ Excellent thermal conductivity
- ✓ High melting point
- ✓ Low tensile stress
- ✓ Excellent thermal cycling properties
- ✓ Much faster production

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Product Description

TinSilver solders are used throughout industry as a better-than-brazing method in many instances. The important advantage of our TinSilver solders is the greater strength of the overall component after joining. Their lower working temperatures eliminate the weakening of the base metals caused by heat-induced annealing. TinSilver Solders have been used for many years to join refrigeration/air conditioning tubing. The alloy fabricate forms strong, leak proof joints. TinSilver connections are ideal for many HVAC

Quick Facts

CAS	:	7440-22-4/7440-22-4
Purity	:	99.9%
Molecular Formula	:	SnAg
Appearance	:	Thin Liquid/Solid Paste

Properties

High thermal conductivity	33W/mk
Temperature Range	430-535°F
Tensile Stress	Low
Shear Strength	11000psi
Joint Strength (Cu sleeve joint) tension	14000psi
Thermal Cycling Properties	Excellent
Storage Temp.	Stored at room temperature (20°C)

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Application

- ✓ Used for broadest range of applications
- ✓ refrigeration/air conditioning tubing.
- ✓ Automatic and Manual Press Friendly
- ✓ High Wash Resistance
- ✓ Distinctive Hand
- ✓ Ultra Elongation
- ✓ High Opacity

To avoid premature solvent evaporation and lower risks of screen blockage the paste should be print-flood processed.

Clean-Up

Clean the equipment by alcohol such as propanol or our thinner.

Storage and shelf-life

These products should be stored in tightly sealed containers at 10 - 25°C, in a dry place away from direct sunlight. The shelf life of a factory sealed container is a minimum 24 months from date of shipment when properly stored.

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