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## KappAloy30™

### Description

**KappAloy30™** Tin-Zinc meets or exceeds specifications for many applications at a lower cost than Babbitt or KappAloy20™ spray wires. Talk to our tech support representative to determine if **KappAloy30™** is a viable option for your application specs.

### Applications

**KappAloy30™** is used extensively in spray wire form to coat the ends of capacitors and other electronic parts to provide a hermetic seal, EMF/EMI protection, and corrosion resistance. Like Tin surfaces, the coatings are easily solderable. As with Zinc, the coatings have substantial oxidation resistance.

### Properties

Composition	
Sn (Tin):	70%
Zn (Zinc):	30%
Properties	
Melting Range:	390-600°F (199-316°C)
Density:	7.27 g/cm <sup>3</sup>
Tensile Strength:	3,626-5,076 psi (25-35 N/mm <sup>2</sup> )
Hardness (HV):	17.9
Calority:	69 J/g

### Product Variants

\*Available in standard spray wire forms: 1/8" (0.125") (3.2mm), 0.098" (2.5mm), 0.079" (2mm), 0.062" (1.6mm). Custom alloys and forms are our specialty. Call a Kapp representative to discuss what size and diameter are right for you.