

	925 Sterling Silver	935 Argentium® Sterling Silver	Fine Silver
Composition	92.5% silver mixed with 7.5% copper	93.5% pure silver mixed with Germanium, copper and silicon	99.9% silver with trace amounts of impurities
Produces Firescale	Yes	No	No
Flux Needed	Yes - to reduce firescale when soldering .	No and Yes when fusing – Simple links or connections are easy without flux. For more complicated pieces flux may be useful.	Not when fusing .
Liquid Flow Melting Point	893°C (1640°F)	877°C (1610°F) Argentium® takes longer to cool than sterling. You must take into account the heat reflectivity of the surface as well as the heat of the metal may contribute to faster melting.	961°C (1762°F)
Tarnish	This is the quickest to tarnish due to higher level of copper.	7 times more tarnish resistant than sterling. Takes longer to tarnish.	Slowest to tarnish.
Uses in Jewelry	Can be used for most anything. Very durable.	Can be used for most anything. When work hardened and treated properly Argentium® is more durable than traditional sterling silver. Hypoallergenic	Fine silver is softer than sterling and Argentium® and is often used for balled head pins and chains. It is more prone to bending and scratching.