

Sn42/Bi57/Ag1 .047” Solid Core Solder Wire 1oz Spool

Product Highlights

LOW TEMPERATURE

Melts at 138°C (281°F)

Lead-Free

RoHS 3 and REACH compliant

Specifications

Alloy:	Sn42/Bi57/Ag1
Wire diameter:	0.047” (1.2mm)
Melting Point:	138°C (281°F)
Packaging:	1oz Spool
Shelf Life:	>60 months



Storage and Handling

Store in a non-corrosive, dry environment.

Please Note: Although Sn42/Bi57/Ag1 forms strong joints and is more ductile due to the added 1% Silver, in wire form it is brittle and needs to be handled gently when unspooling. It is normal for spooled Sn42/Bi57/Ag1 wire to have some breaks in it.

Test Results

Test J-STD-004 or other requirements as stated	Test Requirement	Result
Conflict Minerals Compliance	Electronic Industry Citizenship Coalition (EICC)	Compliant
REACH Compliance	Articles 33 and 67 of Regulation (EC) No 1907/2006	Contains no substance >0.1% w/w that is listed as a SVHC or restricted for use in solder materials

Conforms to the following Industry Standards:

J-STD-006C, Amendments 1 & 2 (Solder Alloys and Fluxed/Non-Fluxed Solders):	Yes
RoHS 3 Directive (EU) 2015/863:	Yes