

G-King® SOLDER CORED WIRE

TW CORED WIRE Sn/Pb or Pb FREE



DESCRIPTION

G-King® SOLDER CORED WIRE was tested with a fast wetting, low spattering, Halogen Free and Halide Free cored wire. It meets ROHS and REACH environmental requirements but maintains its supreme performance in the production application.

We offer different flux options that can be used between robotic and hand soldering applications. We also offer clear residue which allows an easy inspection of solder joints with low smoking and minimal to zero black residues which shows that our flux cored wires can be used using broad process windows.

FEATURES

G-King® SOLDER CORED WIRE TW model s are used on applications that requires consistency in flux distribution. It comes in different alloy and flux chemistry that is suitable to customer applications. It can be used for robotic or manual soldering application.

Features:

- Compatible on Pb and Pb-Free alloys for a robust application;
- Low smoke and less spattering;
- Clear flux residue;
- Low on fume and clean surface joint;
- Halogen and Halide free
- No clean flux does not require cleaning.

PROPERTIES

Flux Classification: ROL0 under IPC J-STD-004B and ROL1 under IPC J-STD-004C

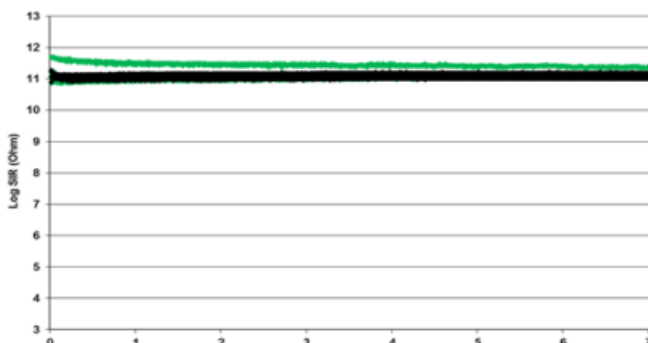
Copper Mirror: Low under J-STD-004B 3.4.1.1 IPC-TM-650 2.3.32

Corrosion: Pass: J-STD-004B 3.4.1.2 IPC-TM-650 2.6.15

Halides: Passed J-STD-004B 3.4.1.3 IPC-TM-650 2.3.28.1

Fluoride Spot: No Fluoride J-STD-004B 3.5.1.2 IPC-TM-650 2.3.35.1

Surface Insulation Resistance: Passed



HANDLING AND STORAGE

Parameter	Solder Wire
Temperature	Room Temperature
Humidity	<80%
Shelflife	5 Years
Storage Condition	No dusts.

APPLICATION

Run at 370 °C Solder Tip Temperature

COMPATIBILITY

Flux Code	Diameter	Flux Material Type	Halides Content (%)	Flux Content
OR1 - OR4	0.1 - 0.4	ROSIN RESIN ORGANIC INORGANIC	L0 (<0.05%) L1 (<0.5%) M0 (<0.05%) M1 (0.5-2%) H0 (<0.05%) H1 (>2%)	F0:0% F1:0.5-1.5% F2:1.5-2.5% F3:2.5-3.5%
OR5	0.50			
OR6	0.60			
OR7	0.70			
OR8	0.80			
OR9	0.90			
1R0	1.00			
1R2	1.20			
1R6	1.60			
2R0	2.00			
2R5	2.50			

HEALTH AND SAFETY

Please refer to this product's Safety Data Sheets for more information.

CONTACTS

For Technical and Service support, please send message in G-King website www.gkingsolder.com