

Flux cored solder wire with powerful wetting

S3X-70M Sn 3.0Ag 0.5Cu

Powerful wetting with remarkable “initial wetting speed”

Effect of “initial wetting speed”

As S3X-70M flows easily at a lower temperature, it is able to complete soldering before the heat oxidation of the solder and pads badly inhibits the wetting behavior.

Accuracy in continual soldering

As S3X-70M can solder through hole assemblies fast and accurately, it is particularly well suited to robot soldering.

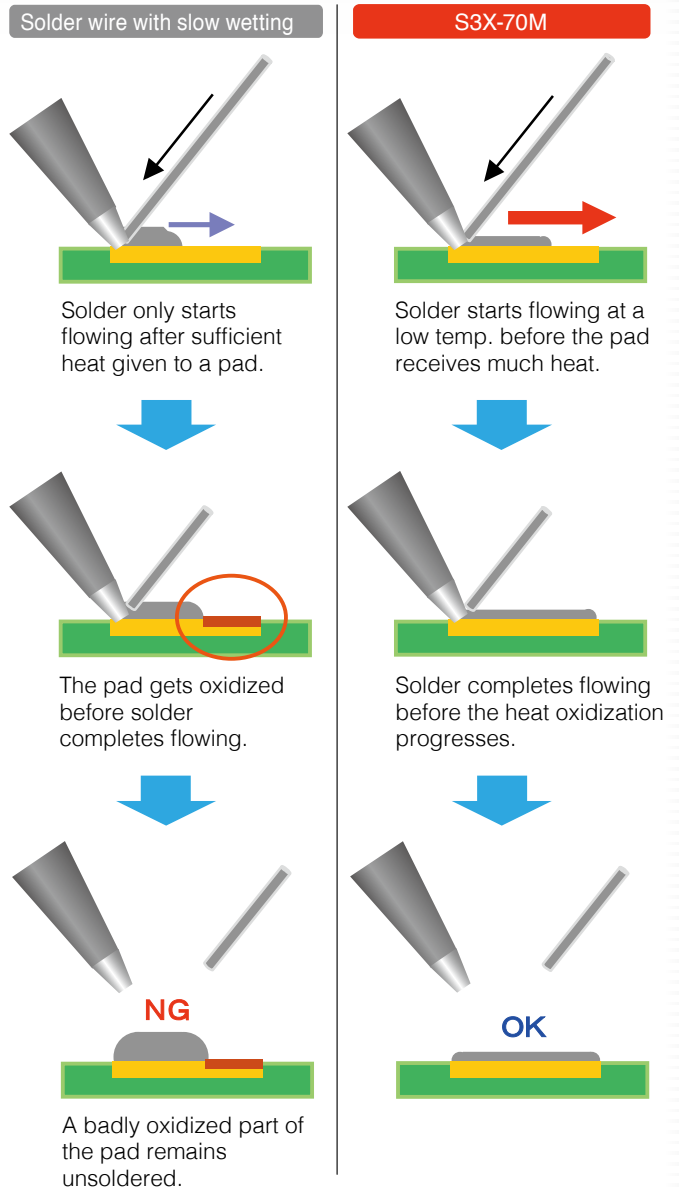
e.g. soldering by a robot



No REACH restricted or SVHC substances contained

S3X-70M is an environmentally friendly product which is totally free of European REACH restricted SVHC substances, and revised RoHS which is to be effective by 2014.

Figure 1. Wetting behavior of S3X-70M



| Product specifications | |
|------------------------|---------------------------------|
| Product name | S3X-70M |
| Alloy composition (%) | Sn 3.0Ag 0.5Cu |
| Melting point (°C) | 217-219 |
| Flux content (%) | 3.2 |
| Halide content (%) | 0.09 |
| Flux type | ROL1 |
| Diameter (mm) | 0.3 0.4 0.5 0.6 0.8 1.0 1.2 1.6 |

| | |
|--------------------------------|-------------------|
| Powerful wetting | Anti spitting |
| Applicable for robot soldering | No SVHC contained |
| No clean type | |