



Anti-Erosion Flux Cored Wire Solder

S3X - 56M

■ Feature

Newly developed heat flux system, which combines both high softening point resins and heat resistant activators, successfully realize excellent solderability with minimal flux spattering.



■ Specifications

Application		Hand, robot soldering	
Product		S3X-56M	
Alloy	Composition (%)	Sn3.0Ag0.7Cu	
	Specific gravity	7.4	
	Melting point (°C)	217 ~ 218	
	Tensile strength (N/mm ²)	5.2	
	Elongation (%)	46	
Product	Flux content (wt%)	3	
	Halide content (wt%)	0.12	
	Surface insulation resistance* ¹	85°C×85%RH×168Hr out of oven	$> 2 \times 10^{12}$
		85°C×85%RH×168Hr in oven	$> 1 \times 10^9$
	Aqueous solution resistivity* ² (Ω cm)	> 500	
	Flux type* ³	ROL1	
	Copper plate corrosion* ⁴	Passed	
	Solder spread factor (%)	80	
	Diameter (mm)	0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 1.0, 1.2, 1.6	
Shelf life (room temp.)	3 years		

1. Aqueous solution resistivityIn accordance with MIL specifications.
2. Flux typeIn accordance with ANSI/J-STD-004
3. Copper plate corrosionIn accordance with JIS