

## Special Spool Solder SF/ RMA/ PL series



Solder for Every Job

**SF/RMA/PL series**

勝特力材料 886-3-5753170

勝特力电子(上海) 86-21-54151736

勝特力电子(深圳) 86-755-83298787

[Http://www.100y.com.tw](http://www.100y.com.tw)

Product Specifications

### PRODUCT SPECIFICATIONS

SE-2AG08, 2CU08 and 26308 are rosin core. SE-2ST16 and 2BA16 are not rosin core. SE-2ST16 requires flux for stainless steel, and SE-2BA16 requires flux for metal work.

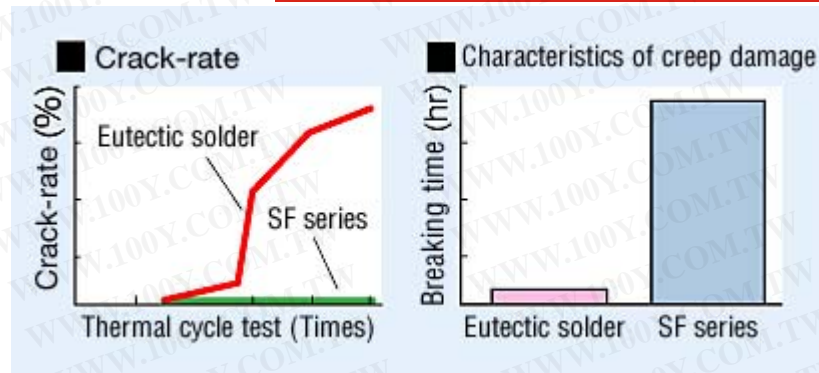
MODEL	Description	M.T.	Dia.	Sn	Weight
SE-2AG08	Ag solder	178-211°C	$\varphi$ 0.8mm	60%	200g
SE-2AG12	Ag solder	178-211°C	$\varphi$ 1.2mm	60%	
SE-2CU08	Cu solder	182-257°C	$\varphi$ 0.8mm	60%	
SE-26308	Eutectic solder	183-184°C	$\varphi$ 0.8mm	63%	
SE-2ST16	Stainless use solder	183-184°C	$\varphi$ 1.6mm	63%	
SE-2BA16	Metal work use solder	183-227°C	$\varphi$ 1.6mm	45%	

LEAD-FREE SOLDER

'Anti-cracking properties' stop cracking caused by repeated heating and cooling of electronic components. Although lead-free solder has a higher melting point than eutectic solder, the crack occurrence rate is low, the "rate of creep" is slower and wettability is better, making more reliable solder joints.



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Type of Solder	M.T.	Wetting Time
SF SERIES (lead-free)	217-220°C	1.8 sec.
goot Eutectic solder(SD-45)	183-184°C	0.8 sec.
Sn-2.8Ag-1.0Bi-0.5Cu	214-215°C	1.33 sec.

## IMPORTANT NOTICE

The SF series is subject to certain U.S. patent restrictions and therefore, shall not be sold or used in manufacturing or repairs in the U.S.

If it is, TAIYO ELECTRIC IND.CO.,LTD. will not be responsible for any patent

infringement.

JP. PAT. No. 3027441

U.S. PAT. No. 5527628

MODEL	M.T.	Dia.	Composition	Weight
SF-A0403	217-220°C	$\varphi$ 0.3mm	Sn,Ag,Cu 96.5-3.0-0.5	45g
SF-A0404		$\varphi$ 0.4mm		
SF-A0406		$\varphi$ 0.6mm		
SF-A0408		$\varphi$ 0.8mm		
SF-A0410		$\varphi$ 1.0mm		

## RMA WASH FREE SOLDER (ROSIN CORE)

The **SOLPET RMA** series is high capacity solder containing rosin and developed to be wash free. Improved reliability even under the severest high temperature and humid conditions. It sets a new standard of reliability.

## FEATURES

- Solder with rosin that does not contain halide makes the copper surface active, which allows wash free soldering of PCBs.
- Minimal residual contamination improves

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the reliability of products such as computers, telephones and stereos.

MODEL	ITEM	M.P.	Dia.	Sn	Weight
SE-06003RMA	RMA wash free solder	183-190°C	φ 0.3mm	60%	100g
SE-26006RMA			φ 0.6mm		200g
SE-26008RMA			φ 0.8mm		
SE-26010RMA			φ 1.0mm		

## POWER SOLDER (ROSIN CORE)

Recently, manufacturers require more durable soldering. With its excellent 'anti-crack' strength and efficient soldering, Power Solder is the answer to cracking caused by heat cycle stress of electronic components.

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## FEATURES

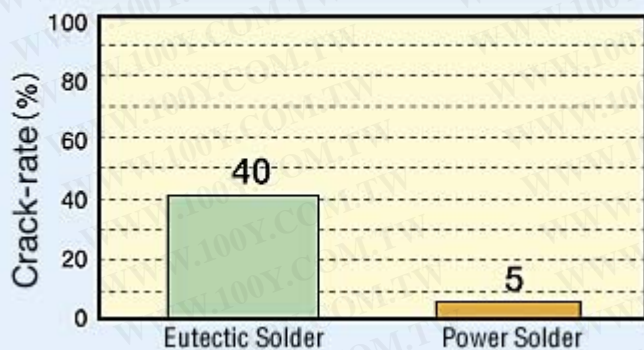
- Compared with Eutectic solder, the rate of solder crack during thermal cycle tests is less than 1/8.
- Contains a mixture of high performance activator for excellent wetting.
- The highest quality materials are used to minimize



odor.

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**Crack-Rate Occurrence**



MODEL	Item	M.P.	Dia.	Sn	Weight
SE-26206PL	POWER SOLDER	179-189°C	φ 0.6mm	undisclosed	200g
SE-26208PL			φ 0.8mm		
SE-26210PL			φ 1.0mm		
SE-26212PL			φ 1.2mm		