



eCore

General Purpose Flux Cored SN100C (033) Solder Wire

SN97C

(033) cored-flux is also available with **SN97CV** (SAC305) Pb-free solder.

SN100C (033) FLUX CORED SOLDER WIRE



Minimal Flux Spattering with Enhanced Wetting

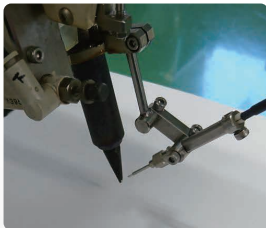
SN100C (033) is a general purpose flux-cored lead-free solder wire that delivers fast soldering with a bright, clean finish. With reduced flux spattering and fast wetting it is ideally suited to robotic soldering. Fast wetting on nickel as well as copper.

No Silver	Lead Free	General Purpose	No Clean
Reduced Flux Spattering	Fast Melting	No Icicles	

Evaluation of Flux Spattering

Reduced flux spattering at all temperatures

■ Evaluation based on rework methods



Evaluation Test (left) and Tip Shape (right)

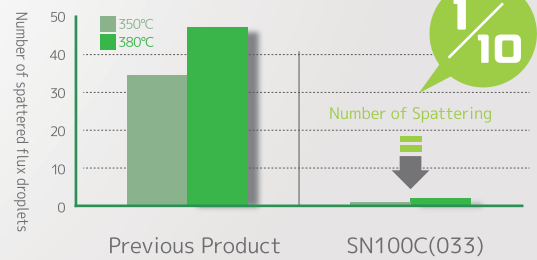
【 Test conditions 】

6mm SN100C (033) 1.0mm diameter wire fed into each joint at a speed of 20mm/s, 5 repeats for each temperature

Tests were conducted at the temperatures of 350°C, 380°C using the method applicable to repair of components without having a sufficient amount of solder during wave soldering.

■ Evaluation Test Results

(Comparison with previous general purpose cored-flux)



Comparison of wetting

No non-wetted area left on land

■ Solder 30 points at 0.5 sec/point . Count the incidence of non-wetting



Pass

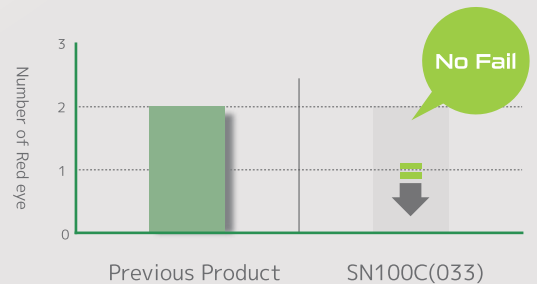


Fail

【 Test conditions 】

Solder wire : SN100C (033)
1.0mm diameter
Length per shot : 6.4mm
Supply speed : 12.8mm/s
Temperature : 380°C
Test board : Paper phenolic substrate / Land diameter 3mm

■ Number of fail



※All data and photos in the above were obtained under specific conditions.

