SOLDER WIRE TYPE TRILENCE

Flux-filled, no-clean solder wires with transparent residues and a minimum of spitting

DESCRIPTION

The Trilence flux system has been specifically designed for demanding soldering tasks in automated soldering processes. Due to its optimised properties, the flux system is also suitable for manual soldering and rework.

The Trilence solder wires are available in different activation levels, depending always on the metallic surfaces which need to be soldered. From halide ZERO as REL0 classification to a mild or stronger halide activated version REL1 or M1. All of them are based on a highly developed colophony-free synthetic resin matrix.

CHARACTERISTICS

The optimised resin matrix and innovative activator combination of the Trilence solder wire offers a range of advantages compared to conventional solder wires:

- **Minimum spitting**
- **Good wetting properties**
- **Transparent residues**

Trilence solder wires can be used as conventional solder wires. Thanks to its low tendency of spitting, transparent residues and high thermal capacity, the Trilence wire produces very clean solder joints. As there is nearly no spitting, your soldering machine requires less servicing and you will have less shutdown periods.

APPLICATION

The Stannol Trilence solder wire is suitable for both manual and machine soldering of electrical and electronic components. The flux residues do not need to be removed.

If cleaning is required for visual or technical reasons, use Stannol Flux-Ex 200/B.

Haberstr. 24 • 42551 Velbert • Tel: +49 (0)2051-3120-0 • Fax: +49 (0)2051-3120-111 • E-Mail: info@stannol.de • www.stannol.de

PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	3500	3505	2708	2712
Flux type (J-STD-004):	REL0	REL1	REM1	REM1
Flux content (± 0,3%):	3.5%	3.5%	2.7%	2.7%
Halide content (J-STD-004):	0.0%	0.5%	0.8%	1.2%
Corrosion effect(J-STD-004):	None	None	None	None
Surface insulation resistance (J-STD-004):	$>10^9\Omega$	$>10^9\Omega$	$>10^9\Omega$	$>10^9\Omega$
Standard alloys according to ISO 9453:2014 with micro-alloying additives	Flowtin TC (Sn99.3Cu0.7)			
	Flowtin TSC305 (Sn96.5Ag3Cu0.5)			
	SN100C® (SnCu0.7NiGe)			
Available diameters:	from 0.3 mm			
Available reel sizes:	250 g, 500 g, 1 kg			

Other alloys, flux contents and reel sizes are available on request. Trilence 1705 is a version of the 3505 with only 1.7% flux content instead of 3.5%. All other flux properties remain unchanged

HEALTH & SAFETY

Prior to use, read the material safety data sheet and take all necessary safety precautions.

NOTICE

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STANNOL GmbH & Co. KG • Issue: 23.07.2020
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