

# SOLDER WIRE TYPE **TRILENCE**

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

## PRODUCT DESCRIPTION

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The TRILENCE flux system has been specifically designed for demanding soldering tasks like laser soldering, automatic forwarding systems and inductive soldering. Thanks to its optimised properties, the flux system is also suitable for manual soldering and rework.

The TRILENCE solder wire is a halide-activated, colophony-free flux based on a synthetic resin matrix.

Due to its activation (with a halide content of 0.8%), the Stannol TRILENCE wire is classified according to JSTD004 and EN 61190-1-1 in class REM1.

## PRODUCT PROPERTIES

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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

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

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

## PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	TRILENCE	
Flux type:	DIN EN61190-1-3, J-STD-004	REM1
Flux content:	EN 12224	2.7% +/- 0.3%
Halide content:	DIN EN 29455-6	0.8%
Corrosion effect:	DIN EN 29455-15	none
Surface insulation resistance:	85 °C / 85 %r.F., IPC TM 650 2.6.3.3	>10 <sup>9</sup> Ω
Standard alloys according to ISO 9453:2006 with micro-alloy additives <0.05%	<b>lead-free (FLOWTIN® series):</b>	
	FLOWTIN® TC (Sn99Cu1)	
	FLOWTIN® TSC305 (Sn96Ag3Cu1)	
Available diameters:	from 0.3 mm	
Available reel sizes:	500 g	

Other alloys, flux contents and reel sizes are available on request.

## HEALTH & SAFETY

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

## NOTE

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