

## SOLDER WIRE HS10

developed to meet high quality requirements  
in industrial electronic production as well as quick rework

### DESCRIPTION

The electronic solder wire HS10 is a proven and reliable product of Stannol research, which was developed to meet high quality requirements in industrial electronic production as well as for quick rework. The solder wire HS10 is very efficient by its high activity, which results in quick spread of solder and electrical safe residues. It is a halide activated rosin (colophony) flux. The solder wire HS10 conforms to IEC 61190-1-3 type ROM1

### CHARACTERISTICS

This activated rosin shows following properties/advantages:

- Solid and dry residues, pin testable
- Fast soldering, high spread speed
- High reliability

### APPLICATION

The solder wire HS10 can be used for hand and robot soldering in electronics and electrical assembly, audio devices and telecommunication. Flux residues can remain on surfaces without cleaning. If cleaning is necessary for optical or technical reasons, we recommend the use of the cleaner Stannol Flux-Ex 200B or Stannol Flux-Ex 500.

### PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	HS10	
Flux type:	ROM1 (IEC 61190-1-3) / 1.1.2.B (DIN EN 29454-1) / F-SW26	
Flux content:	standard 2,5 weight % $\pm$ 0,3 %	
Halide content:	0,9%	
Corrosion effect:	none, acc. to DIN 8516	
Standard alloys acc. to ISO 9453:2014	<b>Lead-containing:</b>	<b>Lead-free (Ecoloy Serie)</b>
	S-Sn60Pb40	Ecoloy TS (S-Sn96Ag4)
	S-Sn60Pb39Cu1	Ecoloy TSC (S-Sn95Ag4Cu1)
	S-Pb60Sn40	Ecoloy TC (S-Sn99Cu1)
	S-Sn62Pb36Ag2	Ecoloy TSC305 (S-Sn96Ag3Cu1)
	S-Sn63Pb37*	---
S-Pb93Sn5Ag2	---	
Available diameters:	from 0,3 mm	
Available reel sizes:	250 g, 500 g, 1 kg	

\* This alloy is subject to a MOQ

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

## **HEALTH AND SAFETY**

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Before using please read the material safety data sheet carefully and observe the safety precautions described.

## **NOTICE**

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The above values are typical and represent no form of specification. The Data Sheet serves for information purposes. Any verbal or written advise is not binding for the company, whether such information originates from the company offices or from a sales representative. This is also in respect of any protection rights of third parties, and does not release the customer from the responsibility of verifying the products of the company for suitability of use for the intended process or purpose. Should any liability on the part of the company arise, the company will only indemnify for loss or damage to the same extent as for defects in quality.