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STANNOL®

Wenn's ums Löten geht
When it's about soldering
Quand il s'agit du soudage

Technical Data Sheet

STANNOL® solder wire HF32-SMD

STANNOL® Solder Wire HF32-SMD has been specially developed to leave behind very low, pale and dry residues after soldering.

Description

The solder wire **HF32-SMD** meets the highest requirements for safe residues. The low flux content results in virtually residue-free soldering. "In-Circuit" Tests will not be influenced by any residues of **STANNOL® Solder Wire HF32-SMD**.

Properties

Flux Residues: Maximum 1% flux content still provides good solder flow. If residue removal is really considered necessary, **STANNOL® Flux-Ex 200B** (CFC free) or most conventional organic solvents can be applied.

Halide-free: Corrosion resistance and excellent insulation properties assure lasting reliability of the soldered parts.

Non-polluting: No cleaning operation is necessary.

Physical Properties and Data:

General properties	STANNOL® solder wire HF32-SMD	
Flux type:	ROL0 (IEC 61190-1-3) / 1.1.3.B (DIN EN 29454-1) / F-SW32	
Flux content:	standard 1.0 weight % ± 0.3 %	
Halide content:	none, according to DIN EN ISO 9455-6	
Corrosion effect:	none, according to DIN EN 29455-5 and -15	
Surface Insulation Resistance:	85°/85% r.H. 7 d	> 10^{10} Ω
Standard alloys acc. to ISO 9453:2006:	S-Sn60Pb40	
	S-Sn62Pb36Ag2	
Available diameters:	from 0.23 mm	
Available reel sizes:	250 g, 500 g	

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

Health and Safety

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

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.

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