

**Trade Name:** **SR37 LFM-86**

**1. Company Address**

Almit GmbH  
 Unterer Hammer 3  
 Deutschland  
 (D) 64720 Michelstadt -  
 bei Frankfurt

Tel.: +49 6061 96925-0  
 Fax: +49 6061 96925-18

**2. Validity**

This specification is specified for:  
 Solder Wire Lead Free SR37 LFM-86  
 Delivered by Almit GmbH to:

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**3. Diameter & Allowance**

Diameter (mm)								
0.3	0.38	0.5	0.65	0.8	1.0	1.2	1.6	2.0

**3.1. Deliverable Reel Size**

Net Weight per Reel (kg)			
0.1	0.5	0.8	1.0
± 0.01			

**4. Physical Properties**

Solidus °C	Liquidus °C	Specific Gravity
217	228	7.4

**5. Characteristics**

Test	Characteristics	Test Methods
Flux Content	3.5% 3.0 ~ 4.0 (%)	IPC-TM-650:2.3.34.1
Copper Mirror Test		n.a
Silver Chromate	n.a	n.a
Flux materials composition	RE	J-STD-004A
Quantitative Halide	M1 < 0.5%	J-STD-004A
SIR (85°C, 85%, 168hr) (Ω)	≥ 1 x 10 <sup>8</sup>	IPC-TM-650:2.6.3.3
Corrosion Test	pass	IPC-TM-650:2.6.15

**6. Chemical Composition**

Composition	Components					
	Sn	Ag	Cu	Pb	Sb	Bi
Standard	Rest	0.3	0.7	≤0.05	≤0.10	≤0.05
Composition	Components					
	Al	As	Cd	Fe	Zn	
Standard	≤0.001	≤0.03	≤0.002	≤0.02	≤0.001	

**7. Lot Size**

A single lot contains 500kg which is the amount of one melting.

**8. Identification**

	<b>Reel</b>	<b>Cardboard</b>
Name	SR37 LFM-86	SR37 LFM-86
Flux Content	3.5%	3.5%
Diameter	mm	mm
Net-Weight	e.g. 500g	e.g. 5kg
Lot Nr.	e.g. 13.11.25	e.g. 13.11.25
Maker	Nihon Almit Co. Ltd.	Nihon Almit Co. Ltd.

**9. Packing**

<b>Individual Package</b>		<b>Outer Package</b>
Weight (kg)	Packing	Cardboard
0.05,0.1,1.0	Plastic Bag	
0.5,0.8	Plastic Sheet	

**10. Maker Address**

Nihon Almit Co. Ltd. - Productive  
Engineering Center  
8154-227,Uenohara, Kitatsuru-gun,  
Yamanashi, 409-0112 Japan

**11. In case of changing this specification it should be accepted by**

Signature\_\_\_\_\_ Date\_\_\_\_\_

**12.** This product is manufactured, using all guaranteed materials according to the legal law regulations

**13. Shelf Life**

Up to three (3) years from the manufactured date (lot number).