

## Soldering accessories

Tinner

For cleaning and tinning soldering tips.  
Consisting of a mixture of solder activators,  
resins, soldering tin powder and binders.  
It also gently removes strong oxide layers in the case of  
minimal smoke emission.  
Alloy Sn97Cu3 (DIN EN ISO 9453),  
Flux 1231 (DIN EN ISO 9454-1), 15 g can with adhesive pad.



## Desoldering braid

Flux-impregnated copper strands for desoldering SMD and THT components and removing excess solder on printed circuits.  
Flux 1131 (DIN EN ISO 9454-1) or ROLO (DIN EN 61190-1-1)  
widths: 1,00 - 1,50 - 2,00 - 2,50 - 3,00 mm  
On folding spools à 1,6 m and spools à 15 -100 m.

## Analysis mould

Mould for your service analyses with engraved analysis customer number.

## Soldering services

### Free analysis service

Of course, our service also includes the monitoring of your solder bath alloy. This free service starts as part of the solder bath changeover or initial filling and initially includes four service analyses within 8 weeks. After the change-over phase, we continue to offer our customers the free solder bath analysis service (according to the customer information solder bath analysis service).

## Scrap metal disposal

We are authorized by the district government to take back the solder drosses of our customers, as far as they have been produced during the use of our products. These solder drosses are processed by our subsidiary Artenjak-Zinn GmbH. With your scrap metal invoice, you will receive a corresponding acceptance certificate, which is sufficient proof of proper disposal in accordance with § 26 Para. 3 KrWG. We will be happy to provide you with collection containers in accordance with the regulations.

## Withdrawal of solder paste left-overs

As a responsible supplier certified according to DIN EN ISO 14001, we offer our customers to recycle solder paste residues from their production. The conditions for the return of solder pastes are adapted to the current LME quotation and the delivery condition.

## Technical application consulting and training

Our application technology department will be happy to advise you on all questions relating to soldering. Our new training room also offers us the opportunity to train your employees in soldering technology in groups of up to 15 people. Certifications according to IPC and also practical hand soldering trainings are carried out by external trainers in our company.

## Analytics and microscopic investigations

Our modernly equipped laboratory offers the possibility of an exact metal content determination by means of OES spectroscopy far into the trace range. With our 3D-microscope we can carry out microscopic examinations up to a resolution of 5000-times at solder joints for you. We can also prepare the corresponding sections of the solder joints/components for you. With our modern, fully automatic surface resistance measuring device (64 channels) we are able to perform SIR tests (Surface Insulation Resistance) in accordance with the current IPC and ISO regulations to conduct migration studies.



1. Name und Anschrift der Zertifizierungsorganisation		2. DERBA	
1.1 DERBA Certification GmbH			
1.2 Handwerksstraße 15			
1.3 Düsseldorf / Baden-Württemberg			
3. Angaben zum Zielbetrieb			
3.1 Nummer des Antrags (wenn die Zertifizierungsorganisation vorgelegt): 12660877			
3.2 Betriebszweck (Hauptzweck): <input checked="" type="checkbox"/> Betrieb eines Betriebes oder <input type="checkbox"/> Betrieb eines Betriebes und Folgeunternehmen			
3.3 Vorgängergesamt (seit wann der Betriebseigentümer):			
3.4 Betriebszweck (zuletzt):			
3.5 <input checked="" type="checkbox"/> Eine Zertifizierung wird nur für einen bestimmten Betriebsteil erhält (siehe Anfrage)).			
3.6 <input checked="" type="checkbox"/> Das Unternehmen wird nur für bestimmte Abfertigungen, Tätigkeiten oder Standorte erhält (siehe Anfrage)).			
4. Name und Anschrift des Entsorgungsbetriebes (Hauptziel)			
4.1 Name: <b>Arbeits-Zentrum GmbH</b>			
4.2 Adresse: <b>Wolfsburg</b>			
4.3 Stadt: <b>Deutschland</b> Bundesland: <b>Baden-Württemberg</b>			
4.4 Postleitzahl: <b>76057</b> Ort: <b>Löffingen</b>			
4.5 Ende des Betriebs: <b>Versetzung - Gemeinschaftsbetrieb (sofern ein Eintrag erfolgt ist)</b>			
4.6 Registrierungsnummer: <b>HRB 83</b> Registrierte Anteilnahme: <b>Ratstalt</b>			
5. Der Betrieb ist bewirtschaftet. In Hinsicht soll die in der Antrags zu dem Zertifikat genannten Standorte, Tätigkeiten und Abfertigungen das Überzeugungsvermögen des über gebräuchlichen technischen Überwachungsgeräten aufweisen.			
<b>Erstzulassungsfähigkeit</b>			
gemäß § 56 des Kreiswirtschaftsfördergesetzes in Verbindung mit der Erstzulassungsfähigkeitsbewilligung zu führen.			
6. Prüfungsdatum:		7. Sachverständiger, der die Überprüfung durchgeführt hat:	
18.04.2018		7.1 Name: <b>Thomas</b> Vorname: <b>Thomas</b>	
		7.2 Unterschrift (nur für die Ausstellung in Papierform):	
			
8. Ausstellungsdatum:		9. Leiter der Zertifizierungsorganisation:	
14.05.2018		9.1 Name: <b>Wolfgang Loher</b> Vorname: <b>Wolfgang</b>	
		9.2 Unterschrift (nur für die Ausstellung in Papierform):	
			





### Own laboratory for product research and quality control



**FELDER GMBH** Löttechnik is an innovative company in the field of soldering technology. State-of-the-art manufacturing processes guarantee high and consistent quality for our solders and fluxes.

All **FELDER products** are subject to the constant quality control by our own laboratory and are tested according to the guidelines of the **ISO 9001** and **ISO 14001**.

The laboratory equipment includes **optical emission spectrometers, digital microscopes and IR spectrophotometers**. Of course, we also master the classical analytical methods.

These are the prerequisites for many trend-setting developments of our company.

Careful advice and customer-specific problem solutions are a matter of course for us.

Our application engineers have many years of experience, are very familiar with the challenges in electronic component production and are happy to provide you with „advice and assistance“.

We meet your requirements!

We look forward to a good business relationship.

