



# So.Lux<sup>®</sup>

Precious Metal Solutions for Watchmakers & Jewelers  
From HILDERBRAND<sup>®</sup>





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## Expertise, quality and reliability

### **So.Lux®**

Our standard line for precious metal paste solders, sheets & wires

- Warranty of plumb fineness
- Adapted for Jewelry and Watch sectors
- Cadmium free

### **So.Lux<sup>⊕</sup>**

Our extended line of tailor-made precious metal paste solders, sheets & wires.

## Features and Benefits

- Adapted for manual or automatic dispensing
- Improved production rate (time savings)
- Very precise deposit of brazing alloy (material savings)
- Brazing alloy and flux application in one step
- Ease of use
- Process can be easily automatized
- Focus on health and safety of users

## Swiss made

Our goal is to supply top quality products to our customers. A global quality management program has been implemented and today all our products are compliant with the highest required standards in the Jewelry and Watch industry, respecting responsible business practices.

## Premium customer service

- Advice and expertise based on more than half a century of experience
- Customized solutions and developments
- Standard packaging or according to customer specifications



# So.Lux®



To solder silver alloys with a torch

Alloy	Designation	Flow	°F	°C	
Ag	750	So.Lux 7267	Hard	1454	790
	700	So.Lux 7271	Medium	1364	740
	650	So.Lux 7275	Easy	1328	720
	560	So.Lux 7277	Easy	1211	655



To solder silver alloys with a belt furnace

Alloy	Designation	Flow	°F	°C	
Ag	750	So.Lux 7167	Hard	1454	790
	700	So.Lux 7171	Medium	1364	740
	650	So.Lux 7175	Easy	1328	720
	560	So.Lux 7177	Easy	1211	655

# So.Lux<sup>®</sup>



To solder silver alloys with induction heating

	<b>Alloy</b>	<b>Designation</b>	<b>Flow</b>	<b>°F</b>	<b>°C</b>
<b>Ag</b>	<b>750</b>	So.Lux 7367	Hard	1454	790
	<b>700</b>	So.Lux 7371	Medium	1364	740
	<b>650</b>	So.Lux 7375	Easy	1328	720
	<b>560</b>	So.Lux 7377	Easy	1211	655

## So.Lux<sup>+</sup>

Silver customizable products available on demand.

# So.Lux®



## Silver Sheets

Style	Alloy		Designation	Flow	°F	°C
S	Ag	750	So.Lux 40000	Hard	1454	790
S	Ag	740	So.Lux 40185	Medium	1400	760
S	Ag	670	So.Lux 40175	Easy	1364	740
S	Ag	560	So.Lux 40130	Extra-Easy	1202	650



## Silver Wires

Style	Alloy		Designation	Flow	°F	°C
W	Ag	750	So.Lux 40001	Hard	1454	790
W	Ag	740	So.Lux 40186	Medium	1400	760
W	Ag	670	So.Lux 40176	Easy	1364	740
W	Ag	560	So.Lux 40131	Extra-Easy	1202	650

# So.Lux<sup>®</sup>



To solder gold alloys with a torch

Alloy	Plumb	Designation	Flow	°F	°C
Au	9K	So.Lux 7247	Hard	1357	736
		So.Lux 7249	Medium	1328	720
		So.Lux 7251	Easy	1256	680
	9K	So.Lux 7255	Easy	1202	650
	9K	So.Lux 7257	Easy	1324	718

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Au	10K	So.Lux 7239	Easy	1305	707
	10K	So.Lux 7243	Easy	1135	613
	10K	So.Lux 7245	Easy	1400	760



# So.Lux<sup>®</sup>



To solder gold alloys with a torch

Alloy	Plumb	Designation	Flow	°F	°C
Au	14K	So.Lux 7219	Hard	1452	789
		So.Lux 7221	Medium	1393	756
		So.Lux 7223	Easy	1166	630
	14K	So.Lux 7225	Hard	1490	810
		So.Lux 7227	Medium	1418	770
		So.Lux 7229	Easy	1310	710
	14K	So.Lux 7231	Hard	1436	780
		So.Lux 7233	Easy	1346	730

# So.Lux<sup>®</sup>



To solder gold alloys with a torch

Alloy	Plumb	Designation	Flow	°F	°C
Au	18K	So.Lux 7201	Hard	1544	840
		So.Lux 7203	Medium	1416	769
		So.Lux 7205	Easy	1238	670
	18K	So.Lux 7207	Hard	1677	914
So.Lux 7209		Medium	1508	820	
So.Lux 7211		Easy	1472	800	
	18K	So.Lux 7213	Hard	1513	823
So.Lux 7215		Medium	1418	770	
So.Lux 7217		Easy	1384	751	

# So.Lux<sup>®</sup>



To solder gold alloys with a belt furnace

Alloy	Plumb	Designation	Flow	°F	°C
Au	9K	So.Lux 7147	Hard	1357	736
		So.Lux 7149	Medium	1328	720
		So.Lux 7151	Easy	1256	680
	9K	So.Lux 7155	Easy	1202	650
	9K	So.Lux 7157	Easy	1324	718
	Au	10K	So.Lux 7139	Easy	1305
10K		So.Lux 7143	Easy	1135	613
10K		So.Lux 7145	Easy	1400	760

# So.Lux®



To solder gold alloys with a belt furnace

Alloy	Plumb	Designation	Flow	°F	°C
Au	14K	So.Lux 7119	Hard	1453	789
		So.Lux 7121	Medium	1393	756
		So.Lux 7123	Easy	1166	630
14K	14K	So.Lux 7125	Hard	1490	810
		So.Lux 7127	Medium	1418	770
		So.Lux 7129	Easy	1310	710
14K	14K	So.Lux 7131	Hard	1436	780
		So.Lux 7133	Easy	1346	730

# So.Lux<sup>®</sup>



To solder gold alloys with a belt furnace

Alloy	Plumb	Designation	Flow	°F	°C
Au	18K	So.Lux 7101	Hard	1544	840
		So.Lux 7103	Medium	1416	769
		So.Lux 7105	Easy	1238	670
	18K	So.Lux 7107	Hard	1677	914
		So.Lux 7109	Medium	1508	820
		So.Lux 7111	Easy	1472	800
	18K	So.Lux 7113	Hard	1513	823
		So.Lux 7115	Medium	1418	770
		So.Lux 7117	Easy	1384	751

# So.Lux<sup>®</sup>



## Gold Sheets

Style	Alloy	Plumb	Designation	Flow	°F	°C
S	Au	14K	So.Lux 2430	Hard	1499	815
S	Au	14K	So.Lux 2440	Medium	1427	775
S	Au	14K	So.Lux 2450	Easy	1364	740
S	Au	18K	So.Lux 2460	Hard	1499	815
S	Au	18K	So.Lux 2470	Medium	1454	790
S	Au	18K	So.Lux 2480	Easy	1364	740
S	Au	18K	So.Lux 15720	Medium	1472	800

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Gold customizable products available on demand.

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## Gold Wires

Style	Alloy	Plumb	Designation	Flow	°F	°C
W	Au	14K	So.Lux 2431	Hard	1499	815
W	Au	14K	So.Lux 2441	Medium	1427	775
W	Au	14K	So.Lux 2451	Easy	1364	740
W	Au	14K	So.Lux 2461	Hard	1499	815
W	Au	18K	So.Lux 2471	Medium	1454	790
W	Au	18K	So.Lux 2481	Easy	1364	740
W	Au	18K	So.Lux 1101	Medium	1472	800

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To solder platinum alloys with a belt furnace

Alloy	Designation	Flow	°F	°C
for Pt	So.Lux 7161	Hard	1832	1000
	So.Lux 7162	Hard	1688	920



Platinum Sheets

Style	Alloy	Designation	Flow	°F	°C
S	Pt	So.Lux 16665	Medium	2282	1250
Contains : Au: 100 Ag: 523 Pd: 300, Pt: 50, In: 27					
S	Pt	So.Lux 16620	Medium	2255	1235
Contains : Au: 527, Ag: 315, Cu: 3, Pd: 155					
S	Pt	So.Lux 16630	Easy	1976	1080
Contains : Au: 395, Ag:447, Cu: 31, Pd: 43, Pt: 80, Zn: 4					
S	Pt	So.Lux 16640	Extra -Easy	1742	950
Contains : Ag: 898, Cu: 45, Pd: 46, Zn: 11					



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Needles tip for our solder pastes

Alloy		Needle Color					
	Ag				●	●	●
	Au <14k			●	●	●	●
for Pt	Au 18k	●	●	●	●	●	●



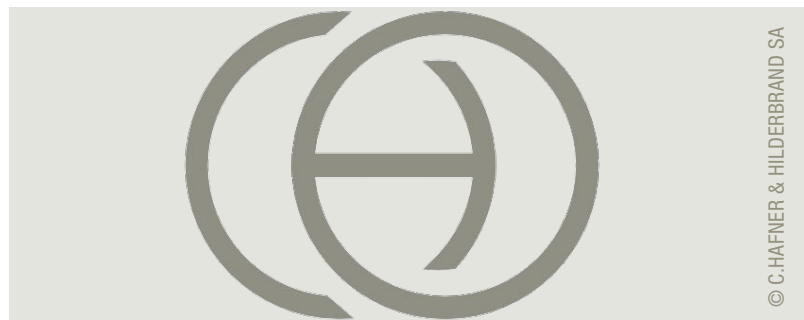
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From  **HILDERBRAND<sup>®</sup>**

## Who We Are

C.HAFNER & HILDERBRAND SA is committed to meeting customers needs for precious metal solutions and technologies, providing products mainly focused on the supply of HILDERBRAND<sup>®</sup> precious metal paste solders.

So.Lux<sup>®</sup> is our standard line of precious metal paste solders meets the highest requirements for any customer in the Watch & Jewelry industries looking for the best Swiss Made quality.



Swiss-based company  
**World-renowned expertise**  
Customer-oriented

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