



# So.Lux<sup>®</sup>

Plumb Precious Metal Paste Solders for Watches & Jewelry  
From HILDERBRAND<sup>®</sup>



## Expertise, quality and reliability

### **So.Lux®**

Our standard line for precious metal paste solders

- 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

#### 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<sup>®</sup>



To solder silver or gold alloys with a torch

| Alloy | Plumb | 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  |
| 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  |
|       | Au    | 10K         | So.Lux 7239 | Easy | 1305 |
| 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   | 14K   | So.Lux 7225 | Hard   | 1490 | 810 |
|       |       | So.Lux 7227 | Medium | 1418 | 770 |
|       |       | So.Lux 7229 | Easy   | 1310 | 710 |
| 14K   | 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 silver alloys with a belt furnace

| Alloy | Plumb | 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 |



To solder platinum alloys with a belt furnace

|        |             |      |      |      |
|--------|-------------|------|------|------|
| for Pt | So.Lux 7161 | Hard | 1832 | 1000 |
|        | So.Lux 7162 | Hard | 1688 | 920  |

# 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 |
| So.Lux 7143 |       |             | Easy        | 1135 | 613  |
| So.Lux 7145 |       |             | Easy        | 1400 | 760  |

# So.Lux<sup>®</sup>



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   | 18K   | So.Lux 7107 | Hard   | 1677 | 914 |
|       |       | So.Lux 7109 | Medium | 1508 | 820 |
|       |       | So.Lux 7111 | Easy   | 1472 | 800 |
| 18K   | 18K   | So.Lux 7113 | Hard   | 1513 | 823 |
|       |       | So.Lux 7115 | Medium | 1418 | 770 |
|       |       | So.Lux 7117 | Easy   | 1384 | 751 |

# So.Lux<sup>®</sup>



To solder silver alloys with induction heating

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

Customized range of pastes are available on demand.

# So.Lux<sup>®</sup>

Plumb Precious Metal Paste Solders

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.



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

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