For almost 30 years, Laboratoires Sebbin has designed and manufactured innovating solutions in the field of aesthetic and reconstructive surgery. In order to answer the specific needs of surgeons and their practice, we now offer the most complete line of skin expanders.

For most surgical problems:
- a great many shapes and volumes
- expanders with or without reinforcement
- smooth flexible envelope: for greater expansion capacity
- delivered with a site among 3 sizes: small, medium, large

Expanders for a specific request:
- with or without reinforcement
- choice of position of the tube other than that predefined in the line: on the right, on the left, on the side or in the middle
- connected at a distance other than that predefined with the chosen site size

100% of the expanders are controlled in terms of:
- tightness
- thickness
- inflation

100% of the injection sites are controlled in terms of tightness.

The benefits
- EASY TO ADAPT
- IMMEDIATELY AVAILABLE IN STOCK
- IMMEDIATELY AVAILABLE IN STOCK

For surgical problems:
- a great many shapes and volumes

IMMEDIATELY AVAILABLE IN STOCK
- expanders with or without reinforcement
- a smooth flexible envelope for greater expansion capacity
- delivered with a site among 3 sizes: small, medium, large

Expanders for a specific request:
- with or without reinforcement
- a choice of position of the tube other than that predefined in the line: on the right, on the left, on the side or in the middle
- connected at a distance other than that predefined with the chosen site size

100% of the expanders are controlled in terms of:
- tightness
- thickness
- inflation

100% of the injection sites are controlled in terms of tightness.

General information
- Skin expanders are implantable devices used to increase tissue surface so as to allow for a definitive implantation either for a specific local potency.
- Skin expanders need to be filled by stages, never beyond the skin tolerance of the patient, until obtaining the volume recommended in this brochure.
- The angles of our skin expanders are rounded to reduce the risk of skin algia.
- Our skin expanders are made of two medical titanium components, one at the site of injection and the other at the connector. Medical titanium is compatible with MRI although it may generate a reading artefact in the implant area.

Sites of injection
For the puncture, we recommend the use of a St medi Butterfly 25 G needle introduced perpendicular to the surface of the site and at its centre.

By default, the expander not connected to the site is provided with a medium size site.

<table>
<thead>
<tr>
<th>Reference</th>
<th>Size</th>
<th>Diameter (mm)</th>
<th>Projection (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 84 840</td>
<td>Small</td>
<td>19</td>
<td>8</td>
</tr>
<tr>
<td>LS 84 841</td>
<td>Medium</td>
<td>24</td>
<td>10</td>
</tr>
<tr>
<td>LS 84 842</td>
<td>Large</td>
<td>30</td>
<td>12</td>
</tr>
</tbody>
</table>

For the puncture, we recommend the use of a Huber butterfly 25 G needle introduced perpendicular to the surface of the site and at its centre.

For the puncture, we recommend the use of a Huber butterfly 25 G needle introduced perpendicular to the surface of the site and at its centre.

Reference size
<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Projection (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>19</td>
</tr>
<tr>
<td>Medium</td>
<td>24</td>
</tr>
<tr>
<td>Large</td>
<td>30</td>
</tr>
</tbody>
</table>
For almost 30 years, Laboratoires Sebbin has designed and manufactured innovating solutions in the field of aesthetic and reconstructive surgery. In order to answer the specific needs of surgeons and their practice, we now offer the most complete line of skin expanders.

For most surgical problems:
- a great many shapes and volumes
- expanders with or without reinforcement
- smooth flexible envelope: for greater expansion capacity
- delivered with a site among 3 sizes: small, medium, large

Expanders for a specific request:
- with or without reinforcement
- choice of position of the tube other than that predefined in the line: on the right, on the left, on the side or in the middle
- connected at a distance other than that predefined with the chosen site size

100% of the expanders are controlled in terms of:
- tightness
- thickness
- inflation

100% of the injection sites are controlled in terms of tightness.

The benefits:
- EASY TO ADAPT
- IMMEDIATELY AVAILABLE IN STOCK
- PROFESSIONAL AVAILABLE IN STOCK

Dependable for a specific request:
- with or without reinforcement
- a choice of position of the tube other than that predefined in the line: on the right, on the left, on the side or in the middle
- connected at a distance other than that predefined with the chosen site size

100% of the expanders are controlled in terms of:
- tightness
- thickness
- inflation

100% of the injection sites are controlled in terms of tightness.
<table>
<thead>
<tr>
<th>Designation and reference</th>
<th>Volume (ml)</th>
<th>Base (mm)</th>
<th>Height (mm)</th>
<th>Projection (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>82G-004-010</td>
<td>1,000</td>
<td>95</td>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>82G-004-020</td>
<td>1,100</td>
<td>95</td>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>82G-004-030</td>
<td>1,200</td>
<td>95</td>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>82G-004-040</td>
<td>1,300</td>
<td>95</td>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>82G-004-050</td>
<td>1,400</td>
<td>95</td>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>82G-004-060</td>
<td>1,500</td>
<td>95</td>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>82G-004-070</td>
<td>1,600</td>
<td>95</td>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>82G-004-080</td>
<td>1,700</td>
<td>95</td>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>82G-004-090</td>
<td>1,800</td>
<td>95</td>
<td>75</td>
<td>90</td>
</tr>
</tbody>
</table>

* only on request

**Dimensions and references**
- **Designation and reference**: Refers to specific model numbers for each expander.
- **Volume (ml)**: The volume capacity of the expander.
- **Base (mm)**: The width at the base.
- **Height (mm)**: The height at the center.
- **Projection (mm)**: The projection from the base to the center.

**Note**: Our single-use sterile skin expanders are sold by unit. The dimensions of our expanders may present slight variations with respect to the dimensions indicated.
Our single-use sterile skin expanders are sold by unit. The dimensions of our expanders may present slight variations with respect to the dimensions indicated.

**RECTANGULAR WITH CURVED EDGES SHAPE**

**ANATOMIC SHAPE**

**CRESCEnt SHAPE**

**KIDNEY SHAPE**

**CYLINDRICAL SHAPE**

**ROUND SHAPE**

<table>
<thead>
<tr>
<th>Designation and reference</th>
<th>Volume (ml)</th>
<th>Base (mm)</th>
<th>Height (mm)</th>
<th>Projection (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 83 030</td>
<td>30</td>
<td>50</td>
<td>50</td>
<td>30</td>
</tr>
<tr>
<td>LS 83 050</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>LS 83 070</td>
<td>70</td>
<td>50</td>
<td>50</td>
<td>70</td>
</tr>
<tr>
<td>LS 83 125</td>
<td>125</td>
<td>75</td>
<td>75</td>
<td>125</td>
</tr>
<tr>
<td>LS 83 200</td>
<td>200</td>
<td></td>
<td></td>
<td>200</td>
</tr>
<tr>
<td>LS 83 350</td>
<td>350</td>
<td></td>
<td></td>
<td>350</td>
</tr>
<tr>
<td>LS 83 500</td>
<td>500</td>
<td>125</td>
<td>65</td>
<td>500</td>
</tr>
<tr>
<td>LS 83 1000</td>
<td>1000</td>
<td>164</td>
<td></td>
<td>1000</td>
</tr>
<tr>
<td>LS 83 1300*</td>
<td>1300</td>
<td></td>
<td></td>
<td>1300</td>
</tr>
</tbody>
</table>

* only on request
For almost 30 years, Laboratoires Sebbin has designed and manufactured innovating solutions in the field of aesthetic and reconstructive surgery. In order to answer the specific needs of surgeons and their practice, we now offer the most complete line of skin expanders.

For most surgical problems:
- a great many shapes and volumes
- expanders with or without reinforcement
- smooth flexible envelope: for greater expansion capacity
- delivered with a site among 3 sizes: small, medium, large

Expanders for a specific request:
- with or without reinforcement
- choice of position of the tube other than that predefined in the line: on the right, on the left, on the side or in the middle
- connected at a distance other than that predefined with the chosen site size

100% of the expanders are controlled in terms of:
- tightness
- thickness
- inflation

100% of the injection sites are controlled in terms of tightness.

The benefits:
- EASY TO ADAPTABLE
- IMMEDIATELY AVAILABLE IN STOCK
- Skin expanders with no refractive biomarkers
- a versatile broadly adaptable for greater responsiveness capacity
- delivered in aseptic pouch if non-surgical range
- TRACKING
- Each expander is identified by a unique serial number allowing tracking from the raw materials used to its implantation.

PEACE OF MIND
- Highly qualified staff working in clean room.

MANUFACTURER:
GRouPE sEbbIn sas
39, Parc d’activités des Quatre vents
95650 boissy l’aillerie - France
Tel.: +33 1 34 42 13 28
Fax: +33 1 34 42 16 88
www.sebbin.com

INTERNATIONAL OPERATIONS:
GROUp sEbbIN sIs.
25, Rue de la Porterie des Quatre Vents
95538 Athis-Mons - France
Tel.: +33 1 39 75 10 00 - Fax: +33 1 39 75 10 99

For almost 30 years, Laboratoires Sebbin has designed and manufactured innovating solutions in the field of aesthetic and reconstructive surgery. In order to answer the specific needs of surgeons and their practice, we now offer the most complete line of skin expanders.
For almost 30 years, Laboratoires Sebbin has designed and manufactured innovating solutions in the field of aesthetic and reconstructive surgery. In order to answer the specific needs of surgeons and their practice, we now offer the most complete line of skin expanders.

For most surgical problems:
- a great many shapes and volumes
- expanders with or without reinforcement
- smooth flexible envelope: for greater expansion capacity
- delivered with a site among 3 sizes: small, medium, large

Expanders for a specific request:
- with or without reinforcement
- choice of position of the tube other than that predefined in the line: on the right, on the left, on the side or in the middle
- connected at a distance other than that predefined with the chosen site size

100% of the expanders are controlled in terms of:
- tightness
- thickness
- inflation

100% of the injection sites are controlled in terms of tightness.

The benefits

**Skin expanders**

- Recreating harmonious bodies for a new vision of rebirth.

**Our commitments**

- **COMMITMENT**
  - Production know-how mastered for almost 30 years.

- **CONFIANCE**
  - Biological and mechanical evaluation of end products.

- **SÉCURITÉ**
  - Visual controls on 100% of implants at each step of the manufacturing process.

- **RÉLIABILITÉ**
  - Each implant is identified by a unique serial number allowing tracking from the raw materials used to its implantation.

- **PEACE OF MIND**
  - Highly qualified staff working in clean room.

This document is dedicated to health care professionals. According to the Medical device directive 93/42/EEc, the skin expanders and the sites of injection are class IIb medical devices manufactured by Groupe Sebbin and are intended to be used in the context of a plastic, reconstructive and cosmetic surgery. These devices are CE marked by the notified body MDC Medical Device Certification GmbH number 0483. Please read carefully the instructions for use before using.

Skin expanders are implantable devices used to increase tissue surface so as to allow for a definitive implant later or for a specific local prosthesis.

Skin expanders need to be filled by stages, never beyond the skin tolerance of the patient until obtaining the volume recommended in this brochure.

The angles of our skin expanders are rounded to reduce the risk of skin algia.

The sites of injection are designed to fill our skin expanders. The separation of the site from the expander may be used to empty the latter.

Our skin expanders are made of two medical titanium components: one at the site of injection and the other at the connector. A compatible wall, KPN although it may generate a trading conflict if the angle site is too large.

<table>
<thead>
<tr>
<th>reference size</th>
<th>diameter (mm)</th>
<th>projection (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>19</td>
<td>8</td>
</tr>
<tr>
<td>Medium</td>
<td>24</td>
<td>10</td>
</tr>
<tr>
<td>Large</td>
<td>30</td>
<td>12</td>
</tr>
</tbody>
</table>

By default, the expander not connected to the site is provided with a medium size site.

For more surgical problems:
- a great many shapes and volumes

**IMMEDIATELY AVAILABLE IN STOCK**

- expanders with or without reinforcement
- a network flexible envelope for greater responsiveness capacity
- delivered with a site among 3 sizes: small, medium, large

**EASY TO ADAPT**

-tracks for a specific request:
  - with or without reinforcement
  - a choice of position of the tube other than that predefined in the line to the right, on the left, on the side or in the middle
  - connected at a distance other than that predefined with the chosen site size

100% of the expanders are controlled in terms of:
- tightness
- thickness
- inflation

100% of the injection sites are controlled in terms of tightness.

For more information:

**International Operations**

- **Spain**
  - Tel.: +34 93 159 3003 - Fax: +34 93 676 3053
  - Email: info@sebbin.es

- **France**
  - Tel.: +33 1 34 42 13 28 - Fax: +33 1 34 42 16 88
  - Email: serviceclients@laboratoires-sebbin.fr

- **Benelux**
  - Tel.: +32 3 451 26 81 - Fax: +32 3 451 26 89
  - Email: info@laboratoires-sebbin.be

- **Germany**
  - Tel.: +49 2102 70 88 00 0 - Fax: +49 2102 70 88 00 99
  - Email: service@sebbin-implantate.de

- **UK**
  - Tel.: 0800 652 4028 - Fax: +4433 0088 9575
  - Email: custserv@sebbin.uk

**Responsible Person**

- **Manufacturer:**
  - Sebbin-Brebiol SAS
  - 39, Parc d’activités des Quatre Vents
  - 95650 Boissy l’Aillerie - France
  - Tel.: +33 1 34 42 13 28 - Fax: +33 1 34 42 16 88
  - www.sebbin.com

- **Distributor:**
  - Groupe Sebbin SAS
  - 39, Parc d’activités des Quatre Vents
  - 95650 Boissy l’Aillerie - France
  - Tel.: +33 1 34 42 13 28 - Fax: +33 1 34 42 16 88