Components: for roller shutters, screens and blinds

HIGH PERFORMANCE
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Schlegel: providing elementary quality components for personal comfort

Schlegel are known for producing a variety of high quality sealing products and hardware for windows and doors. We also supply a large range of components to the window covering industry.

Human well-being and the environment people live in are intimately related. External factors including the climate, weather, season and even time of day influence all our lives every day.

A range of window covering products are available to help to increase your comfort inside a building. Roller shutters that provide light control, thermal insulation and safety. Insect screens that keep out unwanted mosquitoes and other bugs. Roller blinds and screens that are both decorative and functional, allowing light and heat control. Most window covering products also protect your interior from harmful UV rays.

We supply Poly-Bond brush pile, Q-Lon foam seals and Lozaron extruded sealing profiles to efficiently close the gaps in those products and the windows they are covering. Furthermore, we also offer our customers mesh and reinforcement tapes for insect screens, black-out fabric for roller blinds and transparent vinyl film for commercial roll up doors.

We invite you to browse through our range in this brochure or on our website, where you can use our product filter to find the right product for you. Please contact us for any further information or requirements.

Tested and certified by:
Poly-Bond Brush Pile Seals: for universal applications

- 4,8 or 6,9 mm wide reinforced woven backing
- Alternatively an extruded base, more suitable for automatic insertion
- Pile yarns impregnated with silicone to repel water and improve sliding properties
- Soft multi-filament and / or strengthening monofilament yarns depending on application
- Available standard colours: black and grey
- Other colours available upon request
**Poly-Bond**
Woven brush pile seal for multiple applications to filter light and reduce draughts.
Reinforced backing in standard 4,8 or 6,9 mm width for insertion in T-slots of aluminium or PVC profiles.
Soft siliconised polypropylene multi-filament yarn in regular or high density in 4 to 20 mm heights.
Adhesive backing and other dimensions are available upon request.

**Fin-Seal**
Similar to Poly-Bond, but with a welded transparent centre fin in the pile that provides a more efficient barrier against infiltration of air, moisture, dirt and noise.
The fin is available at level height with the brush, or 1 or 2 mm higher.

**Shutter-Pile**
Similar to Poly-Bond. Soft multi-filament yarn, partially strengthened with stiffer monofilament in the centre.
Shutter-Pile is typically inserted in T-slots of side guiding channels of roller shutters or similar products.

**Power-Pile**
Extruded brush pile seal for multiple applications to filter light and reduce draughts.
Base profile in standard 4,8 or 6,9 mm width for guaranteed on centre pile, more suitable for automatic insertion. Soft siliconised polypropylene multi-filament yarn in regular or high density in 4 to 20 mm heights.
Adhesive backing and other dimensions are available upon request.

**Angle-Pile**
Brush pile seal with an extruded base and only monofilament yarn in 9 to 22 mm heights. Available in 35°, 45° or 60° angles. Predominantly applied in side guiding channels of rolling insect screens.
Install single with standard brush pile, or double to hold the screen mesh in the guides.

**LV 5594**
Extruded PVC profile to fit brush pile seals with a 4,8 mm base.
The profile can be flexibly executed with Poly-Bond or Fin-Seal of any height and applied to flat surfaces by means of adhesive tape. Also available as LV 0921 for pile with a 6,9 mm base.
Standard colours are white, grey, brown and black. Other colours upon request.

Please contact us for any further special requirements.
**Q-Lon Polyurethane Foam Seals:**
for universal surface fitting

- Universal – direct application on a flat surface
- Fixing with pre-applied adhesive tape
- Alternatively it can be fixed with adhesive tape or hot melt glue
- Available colours: white, black, bronze and grey. Other colours available on request

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**QL 3059**
Untaped
Width: 10,8
Height: 8,7
Rebate: 11,0
Seal gap: 3,0 - 5,5
Packaging: 300 m x 2

---

**QL 3061**
Untaped
Width: 15,0
Height: 12,0
Rebate: 15,0
Seal gap: 5,0 - 10,0
Packaging: 250 m x 2

---

**QL 3042**
Untaped
Width: 11,2
Height: 6,5
Rebate: 11,0
Seal gap: 3,0 - 5,5
Packaging: 400 m x 2
<table>
<thead>
<tr>
<th>Product Code</th>
<th>Type</th>
<th>Width</th>
<th>Height</th>
<th>Rebate</th>
<th>Seal Gap</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>QL 1026</td>
<td>Taped</td>
<td>12.0</td>
<td>4.0</td>
<td>11.0</td>
<td>1.0 - 3.0</td>
<td>250 m x 2 / 500 m x 2</td>
</tr>
<tr>
<td>QL 1032</td>
<td>Taped</td>
<td>12.0</td>
<td>7.0</td>
<td>11.0</td>
<td>2.0 - 6.0</td>
<td>250 m x 2 / 500 m x 2</td>
</tr>
<tr>
<td>QL 3015</td>
<td>Taped</td>
<td>8.0</td>
<td>5.0</td>
<td>8.0</td>
<td>2.5 - 4.0</td>
<td>100 m x 2 / 500 m x 2</td>
</tr>
<tr>
<td>QL 3115</td>
<td>Taped</td>
<td>6.8</td>
<td>1.5</td>
<td>10.0</td>
<td>0.5 - 1.0</td>
<td>500 m x 1</td>
</tr>
<tr>
<td>QL 3116</td>
<td>Taped</td>
<td>10.8</td>
<td>8.7</td>
<td>11.0</td>
<td>3.0 - 5.5</td>
<td>300 m x 2</td>
</tr>
<tr>
<td>QL 3117</td>
<td>Taped</td>
<td>11.2</td>
<td>6.5</td>
<td>11.0</td>
<td>1.0 - 2.5</td>
<td>400 m x 2</td>
</tr>
<tr>
<td>QL 3121</td>
<td>Taped</td>
<td>15.0</td>
<td>12.0</td>
<td>15.0</td>
<td>5.0 - 10.0</td>
<td>225 m x 2</td>
</tr>
<tr>
<td>QL 3122</td>
<td>Taped</td>
<td>7.0</td>
<td>2.2</td>
<td>7.0</td>
<td>0.5 - 2.0</td>
<td>200 m x 2</td>
</tr>
<tr>
<td>QL 3124</td>
<td>Taped</td>
<td>6.4</td>
<td>3.7</td>
<td>10.0</td>
<td>2.5 - 3.5</td>
<td>100 m x 2 / 100 m x 7 / 1000 m x 2</td>
</tr>
<tr>
<td>QL 3126</td>
<td>Taped</td>
<td>10.0</td>
<td>3.0</td>
<td>10.0</td>
<td>1.0 - 2.5</td>
<td>400 m x 1 / 700 m x 2</td>
</tr>
</tbody>
</table>
Q-Lon Polyurethane Foam Seals: for T-slot fitting

- Easy insertion in 4,8 mm T-slots of aluminium or PVC profiles
- Different shapes and dimensions to close seal gaps from 0,5 mm up to 7 mm
- Low closing forces combined with high and long lasting recovery
- Available colours: white, black, bronze and grey
- Other decorative colours and dimensions, including 6,9 mm T-slots, are available on request
<table>
<thead>
<tr>
<th>Model</th>
<th>T-Slot Type A (5.3 mm)</th>
<th>Throat width:</th>
<th>Groove depth:</th>
<th>Seal gap:</th>
<th>Packaging:</th>
</tr>
</thead>
<tbody>
<tr>
<td>QL 4627</td>
<td></td>
<td>3.2</td>
<td>2.3</td>
<td>0.5 - 2.0</td>
<td>300 m x 2</td>
</tr>
<tr>
<td>QL 48400</td>
<td></td>
<td>3.2</td>
<td>2.3</td>
<td>0.5 - 1.5</td>
<td>200 m x 2 / 700 m x 2 / 900 m x 2</td>
</tr>
<tr>
<td>QL 48447</td>
<td></td>
<td>3.2</td>
<td>2.3</td>
<td>2.5 - 7.0</td>
<td>250 m x 2</td>
</tr>
<tr>
<td>QL 48550</td>
<td></td>
<td>3.2</td>
<td>2.3</td>
<td>1.8 - 3.4</td>
<td>200 m x 2 / 500 m x 2 / 700 m x 2</td>
</tr>
<tr>
<td>QL 48650</td>
<td></td>
<td>3.2</td>
<td>2.3</td>
<td>2.5 - 6.0</td>
<td>200 m x 2 / 600 m x 2 / 700 m x 2</td>
</tr>
<tr>
<td>QL 48750</td>
<td></td>
<td>3.2</td>
<td>2.3</td>
<td>4.0 - 6.5</td>
<td>200 m x 2 / 500 m x 2 / 700 m x 2</td>
</tr>
<tr>
<td>QL 48850</td>
<td></td>
<td>3.2</td>
<td>2.3</td>
<td>4.0 - 6.5</td>
<td>200 m x 2 / 500 m x 2 / 700 m x 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>T-Slot dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pocket A</td>
</tr>
<tr>
<td>Pocket B</td>
</tr>
<tr>
<td>Pocket C</td>
</tr>
</tbody>
</table>
Lozaron Extruded Profiles: for roller shutters, screens and window covering products

- Sealing and cover profiles for application in roller shutters, screens and awnings
- Rigid non-abrasive seals for application in vertical guiding channels
- Co-extruded soft bottom bar seals with rigid backing for easy insertion into T-slots
- Customer specific ZIP screen profiles to retain fabric in the vertical side guides
- PVC cover profiles for embellishment of metal profiles
**LP 1040**
Side guiding shutter profile
Packaging: 500 m x 1

**LP 1077**
Bottom bar seal
Groove width: 2,5 - 6,0
Min. groove depth: 1,2
Seal gap: 4,5 - 6,0
Packaging: 400 m x 1

**LP 1088**
Roller shutter T-profile
Groove width: 4,0 - 8,0
Min. groove depth: 1,2
Packaging: 400 m x 1

**LP 1102**
Side guiding shutter profile
Packaging: 400 m x 2

**LP 1103**
Side guiding shutter profile
Packaging: 400 m x 2

**LV 1194**
Cover profile
Packaging: 2,5 m x 50

**LV 1417**
Side guiding sealing profile
Groove width: 3,0 - 8,0
Min. groove depth: 1,2
Packaging: 350 m x 1

**LV 1428**
Side guiding sealing profile
Groove width: 2,5 - 8,0
Min. groove depth: 1,2
Packaging: 350 m x 1

**LV A019**
Cover profile
Packaging: 2,105 m x 100

**LV ZIP**
ZIP screen profile (design to order)
Packaging: 6,0 m x 40

\[ \text{LP} = \text{Lozaron PP seals; \ LV} = \text{Lozaron PVC seals} \]
ZIP Tapes

- Polyester ZIP tape with hot melt application to keep screen fabric in the side guiding profile
- Fixation by thermal welding
- Standard colours: white, grey and black

**Dimensions:**

<table>
<thead>
<tr>
<th>Total width (mm)</th>
<th>34 ± 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Half width (mm)</td>
<td>17 ± 1</td>
</tr>
<tr>
<td>Tape width (mm)</td>
<td>16 ± 1</td>
</tr>
<tr>
<td>Tape thickness (mm)</td>
<td>0,40 ± 0,05</td>
</tr>
<tr>
<td>ZIP teeth width (mm)</td>
<td>2,70 ± 0,1</td>
</tr>
<tr>
<td>ZIP teeth height (mm)</td>
<td>1,65 ± 0,1</td>
</tr>
</tbody>
</table>

Reinforcement Tape: for insect screens and technical roller blinds

- PVC coated fibreglass fabric to reinforce the sides or to create joints
- Fixation by thermal or high frequency welding
- Standard colours: dark grey and natural

**Dimensions:**

<table>
<thead>
<tr>
<th>Width (mm)</th>
<th>10</th>
<th>20</th>
<th>50</th>
<th>810</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roll length (m)</td>
<td>100</td>
<td>200</td>
<td>200</td>
<td>200 / 400 / 600</td>
</tr>
<tr>
<td>Thickness (mm)</td>
<td>0,22 ± 0,03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight (g/m²)</td>
<td>310 ± 20</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FR Rating**

| NF P 92-503 | M1 |

**Dimensional stability:**

<table>
<thead>
<tr>
<th>Tear strength, warp (daN)</th>
<th>&gt; 1,0</th>
</tr>
</thead>
<tbody>
<tr>
<td>NF EN ISO 4674-2</td>
<td></td>
</tr>
<tr>
<td>Tear strength, weft (daN)</td>
<td>&gt; 1,5</td>
</tr>
<tr>
<td>NF EN ISO 4674-2</td>
<td></td>
</tr>
<tr>
<td>Welding (daN)</td>
<td>&gt; 2,0</td>
</tr>
</tbody>
</table>
# Insect Screen Mesh

**PVC coated fibreglass mesh**
- For fixed and roll-up insect screens on windows and doors
- In regular for small size and stiff quality for mid-large size

<table>
<thead>
<tr>
<th>Description</th>
<th>Colour</th>
<th>Mesh</th>
<th>Thread (mm)</th>
<th>Weight (g/m²)</th>
<th>Width (cm)</th>
<th>Roll (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fibreglass reg.</td>
<td>Grey</td>
<td>18x16</td>
<td>0.28</td>
<td>111</td>
<td>60-200</td>
<td>30</td>
</tr>
<tr>
<td>Fibreglass stiff</td>
<td>Grey</td>
<td>18x16</td>
<td>0.28</td>
<td>111</td>
<td>120-275</td>
<td>102</td>
</tr>
</tbody>
</table>

**Aluminium mesh**
- For fixed insect screens in frame
- 18 x 14 with larger mesh openings for budget applications
- 18 x 16 with thicker yarn and more dense weaving for normal use

<table>
<thead>
<tr>
<th>Description</th>
<th>Colour</th>
<th>Mesh</th>
<th>Thread (mm)</th>
<th>Weight (g/m²)</th>
<th>Width (cm)</th>
<th>Roll (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>Silver</td>
<td>18x14</td>
<td>0.20</td>
<td>102</td>
<td>60-150</td>
<td>30</td>
</tr>
<tr>
<td>Aluminium</td>
<td>Silver</td>
<td>18x16</td>
<td>0.23</td>
<td>159</td>
<td>60-180</td>
<td>30</td>
</tr>
<tr>
<td>Aluminium</td>
<td>Charc.</td>
<td>18x16</td>
<td>0.23</td>
<td>159</td>
<td>60-180</td>
<td>30</td>
</tr>
</tbody>
</table>

**Stainless steel mesh**
- For fixed insect screens in frame for kitchens, hotels, restaurants, etc.
- Standard Inox 304 for regular applications
- Salt spray resistant Inox 316 with integrated nickel for use in coastal areas

<table>
<thead>
<tr>
<th>Description</th>
<th>Colour</th>
<th>Mesh</th>
<th>Thread (mm)</th>
<th>Weight (g/m²)</th>
<th>Width (cm)</th>
<th>Roll (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inox 304</td>
<td>Silver</td>
<td>16x16</td>
<td>0.25</td>
<td>467</td>
<td>60-180</td>
<td>30</td>
</tr>
<tr>
<td>Inox 316</td>
<td>Silver</td>
<td>16x16</td>
<td>0.25</td>
<td>467</td>
<td>60-180</td>
<td>30</td>
</tr>
</tbody>
</table>

---

18 x 16
- yarn ø 0.23 / 0.28 mm
- 1" (warp 18 yarns)

18 x 14
- yarn ø 0.20 mm
- 1" (warp 18 yarns)

16 x 16
- yarn ø 0.25 mm
- 1" (warp 16 yarns)
Triglas Fire Retardant Black-Out Fabric

- PVC coated fibreglass black-out fabric for technical roller blinds in 183 and 305 cm widths

**Dimensions**

<table>
<thead>
<tr>
<th>Width (cm)</th>
<th>Roll length (m)</th>
<th>Thickness (mm)</th>
<th>Weight (g/m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>183</td>
<td>27,4</td>
<td>0,318 ± 0,05</td>
<td>424 ± 68</td>
</tr>
<tr>
<td>305 ± 0,02</td>
<td>30,0</td>
<td>0,40 ± 0,02</td>
<td>520 ± 30</td>
</tr>
</tbody>
</table>

**FR Rating**

UNI 9176:1998 (class) 1

**Light and energy**

Openness factor (%) 0

Thermal comfort according to UNI EN 14501:2006 Report no. 326263 dated 16/07/2015

<table>
<thead>
<tr>
<th>Colour</th>
<th>G tot</th>
<th>Class</th>
<th>Side</th>
<th>Window*</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>0,045</td>
<td>4</td>
<td>Outside</td>
<td>4-12-4</td>
</tr>
<tr>
<td></td>
<td>0,330</td>
<td>2</td>
<td>Inside</td>
<td>4-12-4</td>
</tr>
<tr>
<td>Grey</td>
<td>0,093</td>
<td>4</td>
<td>Outside</td>
<td>4-12-4</td>
</tr>
<tr>
<td></td>
<td>0,490</td>
<td>1</td>
<td>Inside</td>
<td>4-12-4</td>
</tr>
<tr>
<td>Black</td>
<td>0,150</td>
<td>2</td>
<td>Outside</td>
<td>4-12-4</td>
</tr>
<tr>
<td></td>
<td>0,670</td>
<td>0</td>
<td>Inside</td>
<td>4-12-4</td>
</tr>
</tbody>
</table>

* 4 mm double glass with 12 mm air filled cavity

Colour Code

- White 00FD
- Cream 19FD
- Champagne 04FD
- Ecru 06FD
- Light Grey 01FD
- Dark Grey 03FD
- Black 20FD
- Blue 18FD
- Bordeaux 21FD
- White / Grey 08FD
- White / Brown 05FD
- White / Black BWFD
Cristal Transparent Vinyl Films

- Transparent vinyl film for technical roller blinds and commercial roll up doors
- UV stable for internal and external applications
- Suitable for high frequency welding

**Technical data**

<table>
<thead>
<tr>
<th></th>
<th>Width (cm)</th>
<th>Hand (hardness)</th>
<th>Roll length (m)</th>
<th>Thickness (mm)</th>
<th>Shrinkage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cristal STD</td>
<td>137</td>
<td>3S</td>
<td>50</td>
<td>0,50</td>
<td>2,00-3,25</td>
</tr>
<tr>
<td>Cristal STD</td>
<td>137</td>
<td>4S</td>
<td>30</td>
<td>0,65</td>
<td>2,00-3,25</td>
</tr>
<tr>
<td>Cristal HQ</td>
<td>137</td>
<td>3S</td>
<td>30</td>
<td>0,50</td>
<td>0,00-0,50</td>
</tr>
</tbody>
</table>
SCHLEGEL INTERNATIONAL PRODUCT PORTFOLIO

Sealing solutions:
for windows, doors, window covering and interior design
- Foam weatherseals
- Brush pile weatherseals
- Extruded sealing profiles

Hardware solutions:
for windows and doors
- Handles
- Hinges
- Locks