

## Super Spacer® Premium

Super Spacer® Premium is a flexible, silicone foam spacer product that provides the maximum in perimeter insulation for sealed glazing units. Desiccant-filled with pre-applied side adhesive, the structural foam spacer significantly simplifies insulating glass (IG) production.



### Basic Use

Super Spacer® is a dual seal insulating glass spacer system that uses a high-performance acrylic adhesive for its structural seal and is backed with a proprietary multi-layer moisture vapor seal.

Featuring a vapor barrier backing, the spacer must be used in combination with conventional IG sealants.

### Colours

Super Spacer® Premium is available in Black and Grey. Other colours available on request.

### Composition

Silicone foam base with desiccant pre-fill.

### Desiccant Fill

Molecular-sieve.

### Continuous Packaged Length

For regular insulating glass production, Super Spacer® Premium is supplied on reels with the continuous packaged length varying depending on the spacer width.

### Protective Packaging

To provide desiccant protection, the reels are vacuum-sealed in moisture-proof foil bags. The reels are then shipped in recyclable cardboard boxes.

Performance	Norm
<b>Thermal conductivity</b> 0.15 W/mK	EN 12667 IFT WA 17/1
<b>Gas / Moisture vapor barrier</b> WVTR < 0.020 gm/m <sup>2</sup> /day Oxygen < 0.009 cc/m <sup>2</sup> /day	ASTM F 1249 ASTM D 3985
<b>Primary structural seal</b> Acrylic adhesive	
<b>Intermittent temperature range</b> -40°C to +121°C	—
<b>Fogging</b> No fog in visual area.	ASTM E 2190 EN 1279 - 6 CAN/CGSB 12.8
<b>Verified Secondary Sealants</b> Reference Technical Bulletin RDQ0024	—
<b>Gas Retention</b> Pass with hot-melt butyl or curative butyl	EN 1279 - 3
<b>I.G. Durability</b> Pass with hot-melt butyl or curative butyl	ASTM E 2190 EN 1279 - 2
<b>Compulsory national certification</b>	CEKAL Avis Technique

### Warm Edge Features & Benefits

- Superior silicone foam insulation
- Low thermal conductivity
- Substantially reduced perimeter condensation
- Typical overall 0.2 W/m<sup>2</sup>K U-value window improvement (vs. aluminum)
- Excellent UV resistance
- Extreme temperature performance
- Fast dew-point drop
- Superior compression-set resistance
- Excellent colour stability

### Edge-Seal Durability

- Continuous vapor barrier at corners
- No chemical fogging
- High desiccant content
- Same spacer material and edge-seal technology as the proven Premium Plus product

### Unique Dual-Seal Design

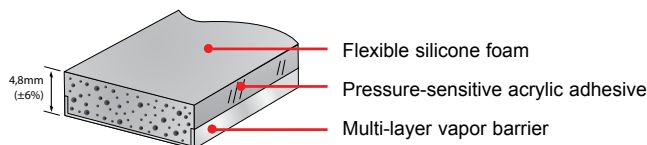
- Outer hot-melt butyl sealant for enhanced gas retention
- Inner structural acrylic side adhesive
- Immediate unit handling
- No cold flow or spacer/seal migration problems

### Improved Productivity

- Fast application
- Elimination of desiccant filling
- No corner key assembly
- Simplified production of shaped units
- Limited equipment investment
- High-volume production with reduced labor force

### Pleasing Aesthetic Appearance

- Smooth matte surface finish
- No surface blistering or bubbling
- Straight-line application with sharp 90° corners



### Reel Sizes

Width (mm)	Meter/Reel	Meter/Auto Reel
4.8 mm	400	-
6.0 mm	560	-
6.4 mm	550	-
7.9 mm	485	-
8.0 mm	485	1005
9.5 mm	380	914
10.0 mm	355	915
11.1 mm	315	905
12.0 mm	310	900
12.7 mm	300	890
14.0 mm	255	800
14.3 mm	255	800
15.9 mm	230	700
16.0 mm	230	700
16.5 mm	-	690
17.5 mm	210	630
18.0 mm	200	620
18.5 mm	-	580
19.1 mm	195	570
20.0 mm	180	540
20.6 mm	180	520
22.0 mm	170	-
24.0 mm	140	-
25.4 mm	132	-

Note: Nominal sizes larger than 9.5 mm have a tolerance of +/- 3% for the width (airspace) and +/- 6% for the height (thickness). For nominal sizes 9.5 mm and lower the tolerance is +/- 0.025 mm on the width (airspace) and +/- 6% for the height (thickness). Note: Data is correct at time of going to print but is subject to change as further testing is undertaken.

The information in this Product Data Sheets are as of 03/2020. Modifications may result from, i.e., further development of the products and the changes of standards. Only the latest English version of this Product Data Sheet applies, which is available by contacting info@edgetech-europe.com.

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