

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 vapour seal.

Featuring a vapour barrier backing, the spacer must be used in combination with conventional IG sealants. For a list of verified sealants, please reference IG sealants Technical Bulletin RD0018.

Colours

Super Spacer Premium is available in Grey, White and Black.

Composition

Silicone foam base with desiccant pre-fill.

Desiccant Fill

3A molecular-sieve; 47% minimum by weight.

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
Thermal conductivity 0.15 W/m ² K BF Data Sheet 021	EN 10077:2 WA 17/1
Gas / Moisture vapour barrier WVTR < 0.020 gm/m ² /day Oxygen < 0.009 cc/m ² /day	ASTM F 1249 ASTM D 3985
Primary seal Acrylic adhesive	
Intermittent temperature range -40°C to 121°C / -40°F to 250°F	—
Verified secondary sealants Reference IG sealants Technical Bulletin RD0018	—
Fogging No fog in visual area.	EN 1279 - 6
Gas Retention Pass with hot-melt butyl or curative butyl	EN 1279 - 3
I.G. Durability Pass with hot-melt butyl or curative butyl	EN 1279 - 2

Warm-Edge Silicone Foam Features & Benefits

- Superior silicone foam insulation
- Low thermal conductivity
- Substantially reduced perimeter condensation
- Typical overall 0.2 W/m²K (0.04 BTU/h-ft²-°F) U-value window improvement (vs. aluminium)
- Excellent UV resistance
- Extreme temperature performance
- Fast dew-point drop
- Superior compression-set resistance
- Excellent colour stability
- Enhanced sound dampening

Edge-Seal Durability

- Continuous vapour 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

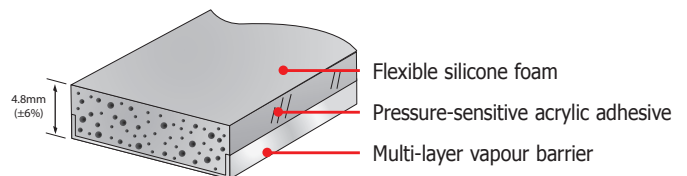
- Outer hot-melt butyl sealant for enhanced gas retention
- Inner structural acrylic side adhesive
- Immediate unit handling
- No cold flow or spacer/seal migration problems.

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 labour force.

Pleasing Aesthetic Appearance

- Available in grey, white and black
- 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
4.0 mm	610	N/A
6.0 mm	460	1380
8.0 mm	335	1005
10.0 mm	305	915
12.0 mm	245	735
14.0 mm	215	645
16.0 mm	205	615
18.0 mm	185	555
20.0 mm	155	465

Note: Tolerances for each nominal size are +/- 3% for the width (airspace) and +/- 6% for the height (thickness).

Data is correct at time of going to print but is subject to change as further testing is undertaken.