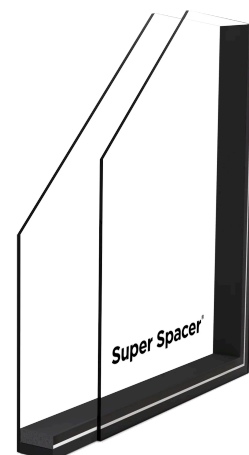




SUPER SPACER PREMIUM PLUS PRODUCT DATASHEET (US)

Super Spacer®

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



Basic Use

Super Spacer Premium Plus 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.

Colors

Super Spacer Premium Plus is available in Black, Aluminum and Grey.

Composition

Silicone foam base with desiccant pre-fill.

Desiccant Fill

Molecular-sieve.

Continuous Packaged Length

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

Protective Packaging

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

Technical Services

Your Quanex Representative, in conjunction with your Quanex Technical Service Group, can provide in-plant training and assistance with special applications.

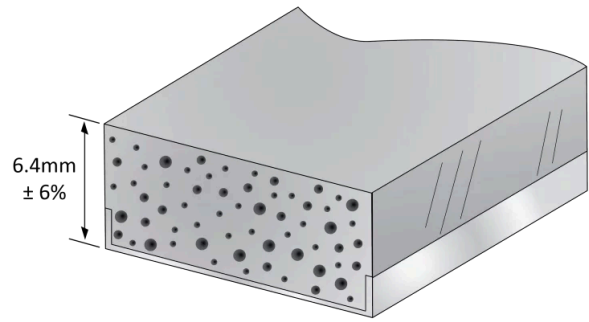
PERFORMANCE

NORM

Thermal conductivity 0.127 W/m°K	ASTM C 518
Gas / Moisture vapor barrier WVTR < 0.020 gm/m ² /day Oxygen < 0.009 cc/m ² /day	ASTM F 1249 ASTM D 3985
Primary structural seal Acrylic adhesive	–
Fogging No fog in visual area.	ASTM E 2190 EN 1279 – 6 CAN/CGSB 12.8
Gas Retention Pass with hot-melt butyl or curative butyl	EN 1279 – 3
IG Durability Pass with hot-melt butyl or curative butyl	ASTM E 2190 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-factor window improvement (vs. aluminum)
- Excellent UV resistance
- Extreme temperature performance
- Fast dew-point drop
- Superior compression-set resistance
- Excellent color stability
- Enhanced sound dampening



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

- Black, Aluminum or Grey colors
- Smooth matte surface finish
- No surface blistering or bubbling
- Straight-line application with sharp 90° corners

REEL SIZES

WIDTH (MM)	WIDTH (INCHES)	METER/REEL	FEET/REEL	METER/AUTO REEL	FEET/AUTO REEL
3.2 mm	.125"	229	750	–	–
4.8 mm	.188"	457	1500	1372	4500
6.4 mm	.250"	335	1100	1006	3300
7.9 mm	.313"	305	1100	914	3000
9.5 mm	.375"	274	900	823	2700
11.1 mm	.438"	244	800	731	2400
12.7 mm	.500"	213	700	640	2100
14.3 mm	.563"	190	625	571	1875
15.9 mm	.625"	175	575	526	1725
17.5 mm	.688"	152	500	–	–
19.1 mm	.750"	152	500	457	1500
20 mm*	.787"	122	400	–	–

*All even metric sizes are not available in North American market.

Note: Nominal sizes larger than 0.375" (3/8") have a tolerance of $\approx \pm 3\%$ for the width (airspace) and $\approx \pm 6\%$ for the height (thickness).

For nominal sizes 0.375" (3/8") and lower the tolerance is $\pm 0.010"$ on the width (airspace) and $\approx \pm 6\%$ for the height (thickness).

Note: All metric dimension equivalent sizes are for reference only.

Terms & Legal Disclaimer

- For all Quanex products, and for other products used with Quanex products, you must follow individual product labels, applicable technical information, and Safety Data Sheets for warnings and precautions before opening packaging and during storage and product use.
- You, including any other user, have sole knowledge and control of factors that can affect the performance of Quanex's products in your intended application. You must conduct tests or analyses to determine the compatibility of Quanex's product with the design, structure, and all materials of your end product, and the suitability of Quanex's product for the method of your application and intended use. You assume all risk and liability arising out of or relating to such use. Quanex makes no representation or warranty that its products are appropriate for all applications. Quanex will not be liable for any failure of its products that results from poor fabrication, improper application techniques, incompatible materials, or from the use of its products in unique, non-standard, or otherwise unsuitable or inappropriate applications.
- Failure to follow applicable guidelines and warnings may result in property and other damage.

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