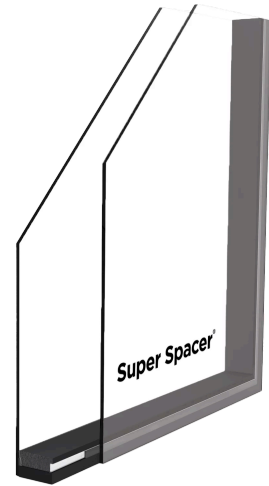




SUPER SPACER T-SPACER PREMIUM PLUS PRODUCT DATASHEET (US)

Super Spacer®

Super Spacer® T-Spacer™ Premium Plus is a flexible, silicone spacer designed to satisfy the toughest commercial glazing demands including silicone structural glazing (SSG). Super Spacer T-spacer Premium Plus is the base product for creating the unique triple seal design of Super Spacer TriSeal. It incorporates an inner acrylic adhesive seal for immediate unit handling.



Basic Use

Super Spacer T-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.

A polyisobutylene primary seal is required for enhanced gas retention and low moisture vapor transmission. Featuring a vapor barrier backing, the product must be used in combination with conventional IG sealants. Super Spacer T-Spacer Premium Plus, polyisobutylene, and structural sealant are all customer-applied using automated equipment.

Colors

Black, Grey, and Aluminum.

Composition

Silicone base with desiccant pre-fill.

Desiccant Fill

Molecular-sieve.

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.

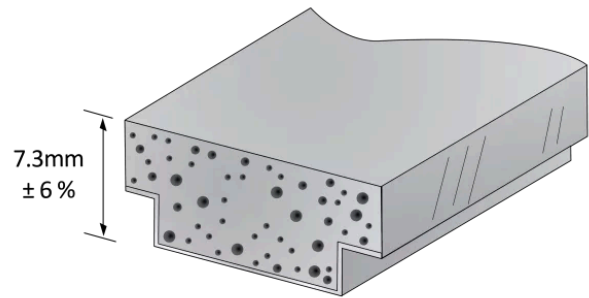
PERFORMANCE

NORM

Thermal conductivity 0.141 W/m ² K	ASTM C 518
Gas / Moisture vapor barrier WVTR: Below detectable limits Oxygen: Below detectable limits	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	EN 1279 – 3
IG Durability	ASTM E 2190 EN 1279 – 2

Warm-Edge Silicone Features & Benefits

- Superior silicone 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
- Excellent temperature performance
- Fast dew-point drop
- Superior compression-set resistance
- Excellent color stability
- Enhanced sound dampening



Edge-Seal Durability

- High performance multi-layer vapor barrier film
- Continuous vapor barrier at corners
- No chemical fogging
- Very high desiccant content
- Proven edge-seal technology
- Thermoset silicone durability

Unique Triple-Seal Design

- Inner acrylic adhesive seal for immediate unit handling
- Customer applied polyisobutylene primary seal for enhanced gas retention and low moisture vapor transmission
- Outer secondary seal for proven performance

Improved Productivity

- Fast spacer application
- Elimination of desiccant filling
- No corner key assembly
- No butyl extruding of frames
- Simplified production of shaped units
- 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)	WIDTH (INCHES)	METER/REEL	FEET/REEL	FINAL CORNER SEALING STRIP* NOMINAL WIDTH	BLACK CORNER SEALING STRIP* PART NUMBER	GREY CORNER SEALING STRIP* PART NUMBER	FINAL CORNER SEALING STRIP* PIECES PER BAG
8.2 mm	.323"	884	2900	8 mm	005058	002064	150
9.5 mm	.375"	526	1725	9 mm	005059	003235	150
10.2 mm	.402"	731	2400	10 mm	005060	002455	150
11.1 mm	.438"	525	1725	11 mm	005061	003262	150
12.2 mm	.480"	609	2000	12 mm	005062	002456	150
12.7 mm	.500"	548	1800	12 mm	005062	002456	150
14.2 mm	.559"	525	1725	14 mm	005063	002457	150
15.9 mm	.625"	457	1500	15 mm	005064	003236	150
16.2 mm	.638"	457	1500	16 mm	005065	002063	150
17.5 mm	.688"	457	1500	17 mm	005066	003263	150
18.2 mm	.717"	388	1275	18 mm	005067	002458	150
19.1 mm	.750"	335	1100	19 mm	005068	003264	150
20.2 mm	.795"	365	1200	20 mm	005069	002065	150
22.2 mm	.874"	335	1100	22 mm	005070	002459	150

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.

*Based upon testing, for systems using secondary sealants other than hot melt butyl or curative butyl, sealing of final corner with PIB backed strips are mandatory for inert gas retention and resistance to moisture ingression

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- Failure to follow applicable guidelines and warnings may result in property and other damage.

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