

## Sealing of Final Corner and Gas Filling Holes on Super Spacer® Products

This chart summarizes the Vapor Barrier Tape requirements for insulating glass units manufactured using Super Spacer™ products. Please contact your Quanex IG customer service representative if you have additional questions. Refer to Edgetech's online IG Manufacturing Manual for correct tape application methods: <http://www.edgetechig.com/UserFiles/Files/EdgetechIGManufacturingManual.pdf>

\*NOTE: Insulating glass units manufactured with Super Spacer™ products that are intended to have gas filled air spaces must use an approved vapor barrier tape on the final corner and gas fill hole. An approved vapor barrier tape is recommended but not required for units with air spaces which will remain air filled when using tested hot melt butyl or tested curative hot melt butyl as the secondary sealant. See sealant types noted with \*\*\* below.

	Secondary Sealant Type				
	Hot Melt Butyl***	Reactive Hot Melt***	Polysulfide	Polyurethane	Silicone** To be used with T-Spacer and TriSeal™ only
Spacer Products*					
Super Spacer® Premium Plus	VB	VB	VB	VB	Not an approved sealant with this spacer
Super Spacer® Premium	VB	VB	VB	VB	Not an approved sealant with this spacer
Super Spacer® Standard	VB	VB	VB	VB	Not an approved sealant with this spacer
Super Spacer® nXt™	VB	VB	Not an approved sealant with this spacer	Not an approved sealant with this spacer	Not an approved sealant with this spacer
Super Spacer® Cushion Edge	VB	VB	VB	VB	Not an approved sealant with this spacer
TriSeal® (manual application)	VB	VB	PIBVB	PIBVB	PIBVB
TriSeal® T- Spacer (automated application)	VB	VB	PIBVB	PIBVB	PIBVB

PIBVB: Denotes PIB vapor barrier tape. VB: Denotes vapor barrier tape only. (No PIB layer)

\* Approved vapor barrier tape MUST be used on the final corner and gas filling holes for ALL gas filled IG units.

\*\* Silicone sealants shall not be used with Super Spacer Premium Plus, Premium, Standard, nXt and Cushion Edge products.

\*\*\* Approved vapor barrier is recommended but not required for air filled units sealed with approved hot melt or reactive hot melt.

Durability testing to the North American ASTM 2190 or the European EN 1279 test standard is required to validate each customers manufacturing process and components. Refer to Technical Bulletin SG009, formerly RD0018 Recommended Sealant Compatibility List ([www.quanex.com](http://www.quanex.com) - Service & Support tab - Technical Bulletins) for the proper selection of sealants with Super Spacer products.

Proper glass handling and glazing is required for optimum field performance for any sealant/spacer selection above. Poor glazing practice will shorten unit longevity. Please reference the following Industry Glazing Guidelines: IGMA TM-3000-90 (04) North American Glazing Guidelines for Sealed Insulating Glass Units for Commercial and Residential Use and GANA Glazing Manual (2004).

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