



Technical Bulletin

Working together for better business

What is Super Spacer®?

Super Spacer® is the world's only 100% polymer foam, NO-Metal Warm Edge spacer system. Its arrival on the scene in 1989 revolutionized the insulating glass industry, and today, it is still breaking new ground in providing the warmest, longest-lasting windows anywhere in the world. Throughout the world, innovative IG manufacturers rely on Super Spacer to ensure high window performance in their replacement and new construction windows and doors.

Edgetech's Super Spacer line of thermal-resistant, flexible-tape, edgeseal products combines with the thermal properties of low-e coatings, argon gas, and multi-glazing assembly to provide maximum condensation resistance, durability and energy performance in windows. With thermal resistance far outperforming metal spacer systems, Super Spacer's flexible foam construction provides the energy payback consumers expect from high performance glazing.

What makes Super Spacer so unique is its structural foam, non-metal construction, blend of silicates and moisture-absorbing desiccant material. Dual seal Super Spacer structural foam technology delivers the best warm-edge performance while providing a structural IG unit that is immediately glazeable when backed with Edgetech approved secondary sealant. Please refer to Edgetech's tech bulletin RD0018. Super Spacer is desiccant filled, has pre-applied side adhesive, and also features a vapor barrier backing. The product must be backed with conventional IG secondary sealants, such as hot-melt butyl, polyurethane or solvent-free polysulfide, reactive hot-melt butyl or DSE's.

Edgetech also offers Super Spacer TriSeal™ — a flexible, silicone foam spacer designed for structural glazing, fixed commercial and captured glazing applications. Its unique triple-seal design incorporates an inner acrylic adhesive seal for immediate unit handling. TriSeal comes complete with captive polyisobutylene primary seal for enhanced gas retention and low-moisture vapour transmission. Customer applied outer silicone seal provides proven structural glazing performance. Polyurethane, polysulfide, hot-melt butyl and DSE's are acceptable sealants for captured glazing applications.

Edgetech also provides complete turn-key services to IG manufacturers, and consults to help them switch from an assembly-line metal spacer operation to high-speed, flexible tape, Super Spacer IG manufacturing. Edgetech designs, installs and services the most efficient and effective system for each individual manufacturer's needs. Edgetech distributes and services IG assembly equipment, which is manufactured for use with Super Spacer. Edgetech also provides marketing and merchandising materials to IG manufacturers and window dealers to support Super Spacer's value-added product benefits.

Thermal performance, durability, and improved productivity. It's the complete package. That's why we call it TrueWARM® edge technology.