

# Solutions for Warm Edge Spacers

Windows and doors

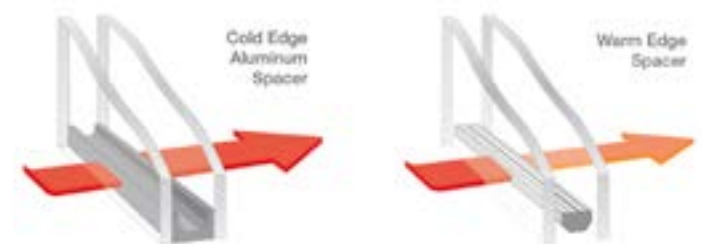


## What is it and why is it used?

Warm Edge Spacers (WES) are used in Insulating Glass Units (IGU).

IGU, more commonly known as double glazing/triple glazing sealed combinations of double or triple glass window panes separated by an air/gas space to reduce heat transfer across part of the building envelope.

Energy & money saving, it reduces pollution and greatly improves the comfort inside a building! It also provides sound insulation.



## Our Contribution to the Warm Edge Spacers

Avery Dennison delivers very high barrier multilayer laminates for warm edge spacer production offering exceptional water vapor and gas barrier, combined with low thermal bridge. These laminates are delivered with or without PSA.

- Ultra high barrier to moisture with market leading properties
- Negligible thermal bridge compared to Aluminum or Stainless Steel foil laminates
- Low gas permeation
- Exceptional surface treatment to enhance adhesion to sealants and spacer
- Very high resistance to corrosion

## The Solutions that we Offer

	PTEU reference	Description	Advantages
<b>PSA</b>	XD 2527	2 ply film coated with a high grade of pure acrylic adhesive and protected with a PE coated paper liner	Excellent adhesive properties combined with good barrier properties
	XD 3827	3 ply film coated with a high grade of pure acrylic adhesive and protected with a PE coated paper liner	Excellent adhesive properties combined with good barrier properties
<b>NON-PSA</b>	Vapor Barrier 342A	Tri-laminate metallized PET with multisealant adhesion treatment on one side, especially to the PS high barrier sealant	Suitable for a wide range of WES, ST for maximum compatibility with a wide range of edge sealants
	Vapor Barrier 228A	Bi-laminate metallized PET with multisealant adhesion treatment	Suitable for a wide range of WES, ST for maximum compatibility with a wide range of edge sealants, low cost
	Vapor Barrier 122T	Metallized PET laminated to 6μ foil	Better thermal insulation due to lower thermal bridge compared to SS, low cost

Our technical experts are here to show you how to work with your materials successfully during every phase of your application. You can count on us to approach any challenge with genuine curiosity and care.

Contact your Avery Dennison sales representative or visit [tapes.averydennison.com](https://tapes.averydennison.com)

**Asia Pacific**

Kunshan, China,  
No. 618 Nanhe Road  
Kunshan Economic &  
Technological Zone  
China 215335  
Phone: +86 400 6987 555  
Fax: +86 512 57155059

**Europe**

Tieblokkenlaan 1  
B-2300 Turnhout  
Belgium  
Phone: +32 (0)14 40 48 11  
Fax: +32 (0)14 40 48 55

**North America**

250 Chester Street  
Painesville, Ohio  
44077 USA  
Phone: +1 866-462-8379  
Fax: +1 888-358-4469



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