



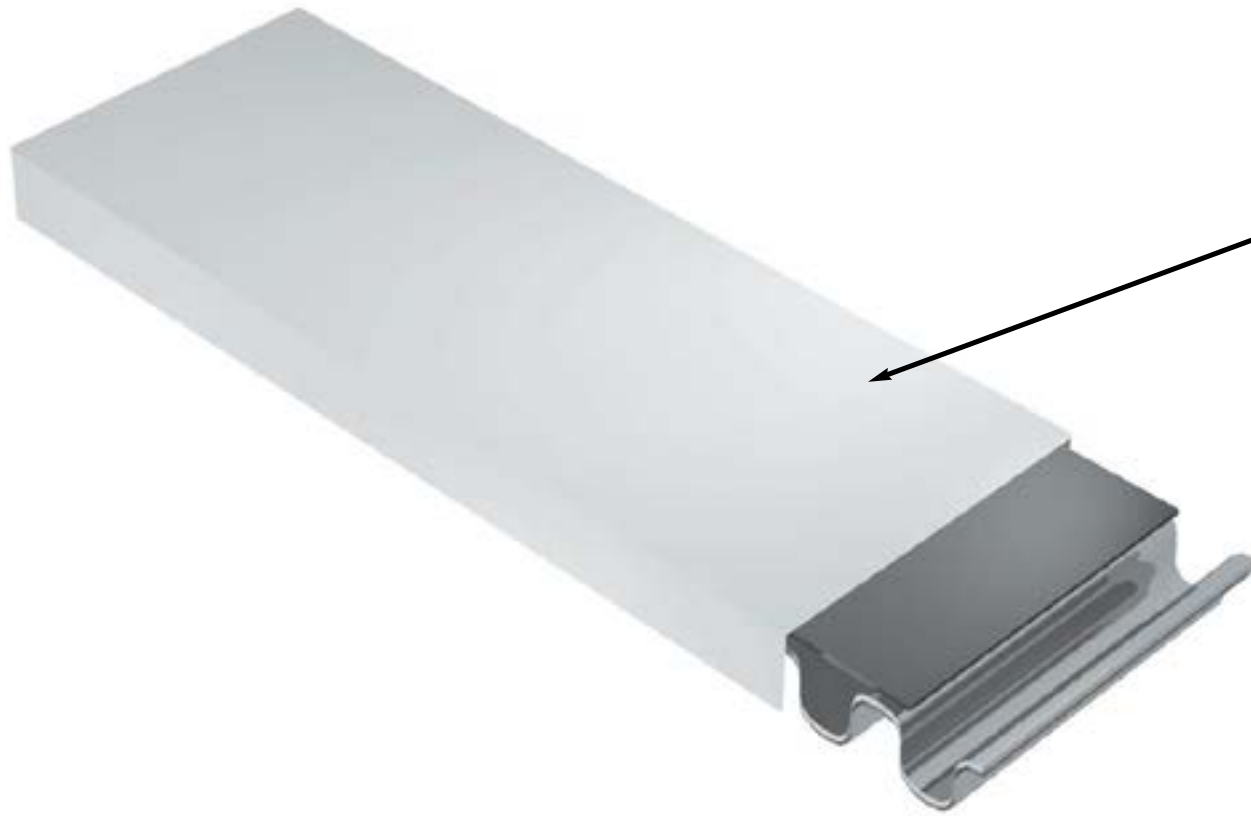
Composite Laminating Technology

A unique laminating
process to
manufacture a
versatile insulating
glass spacer system.

Dura Platform

Quanex
building products

www.Quanex.com



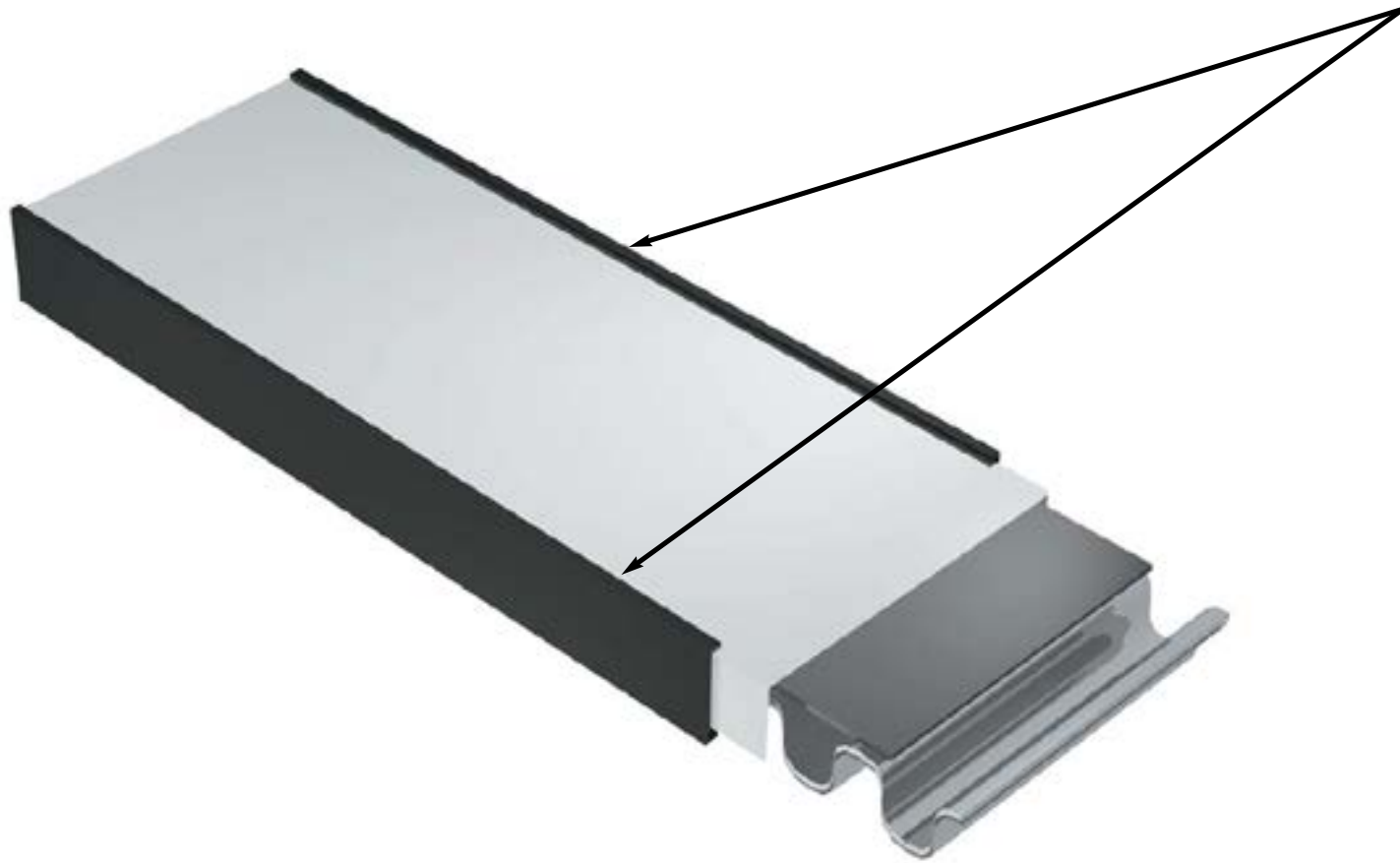
Spacer Sub Assembly

A continuous 3 sided foil moisture barrier laminated to a non metallic stiffener and flexible core.

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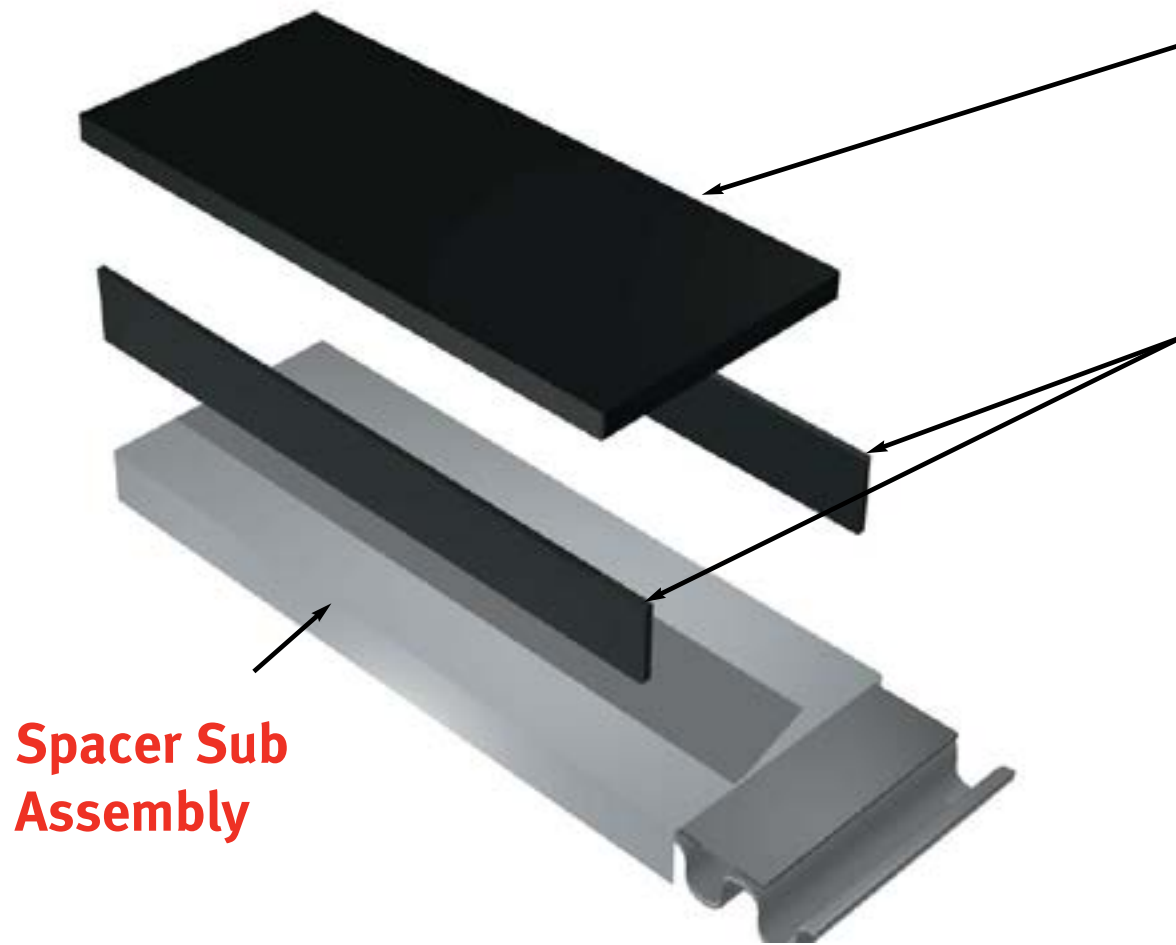
Moisture Resistant Bondline Adhesive

A unique thin film adhesive with proven UV and moisture resistance based on average 40 weeks P1.

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**Black or Gray
Desiccated
Top Coat**

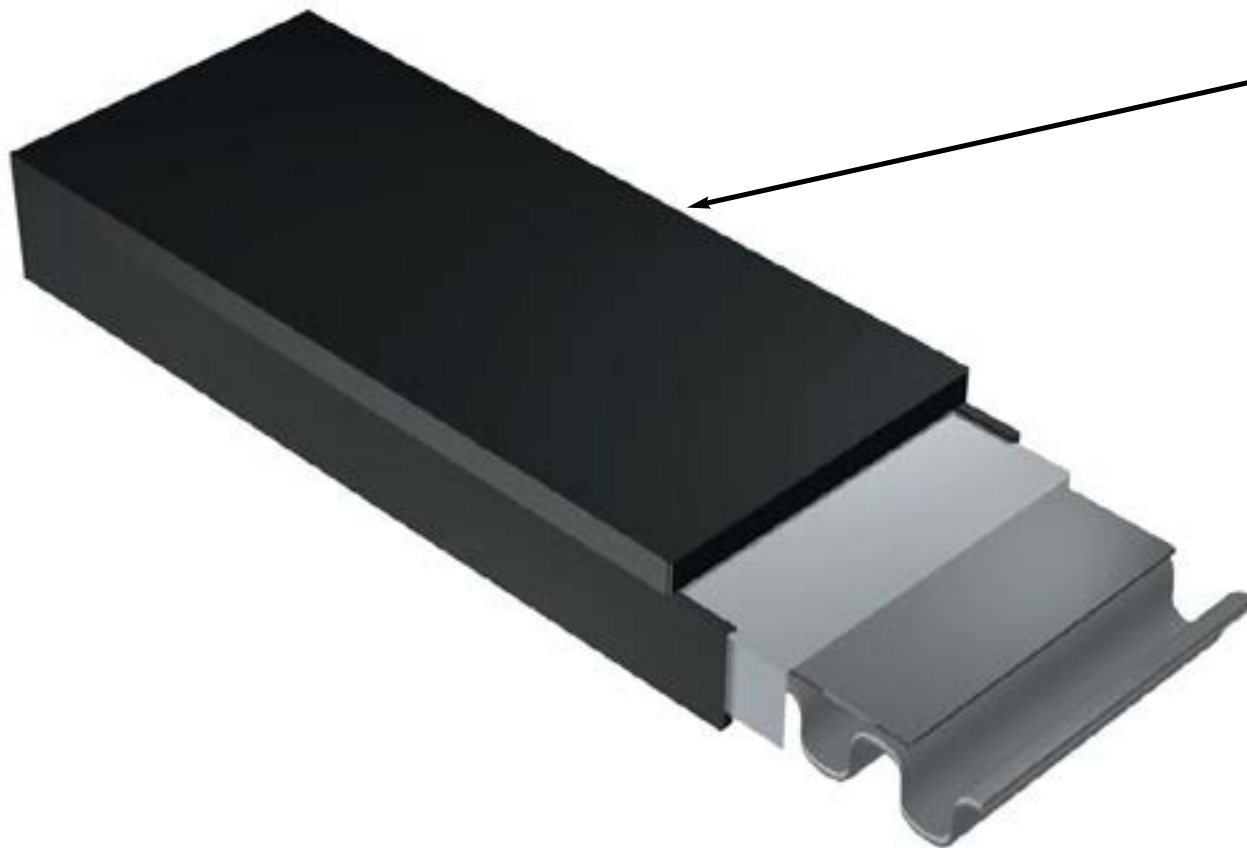
**Moisture
Resistant
Bondline
Adhesive**

**Spacer Sub
Assembly**

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Black or Gray Desiccated Top Coat

A colored top coat containing a desiccant blend suited for gas filled as well as air filled units.

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Continuous Corners

The Dura Platform has only one corner to close after assembly. All other corners are continuous and provide maximum moisture vapor transmission path.

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Moisture Vapor Path

The Dura Platform is designed with a continuous non metallic moisture barrier that bends at corners giving Dura Platform units a longer moisture vapor path than most other spacer systems.

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UV Exposure

The Dura Platform is manufactured with a thin film adhesive that has been designed with maximum UV resistance. P1 testing has produced average results over 40 weeks for this adhesive.

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Low E and Argon Gas

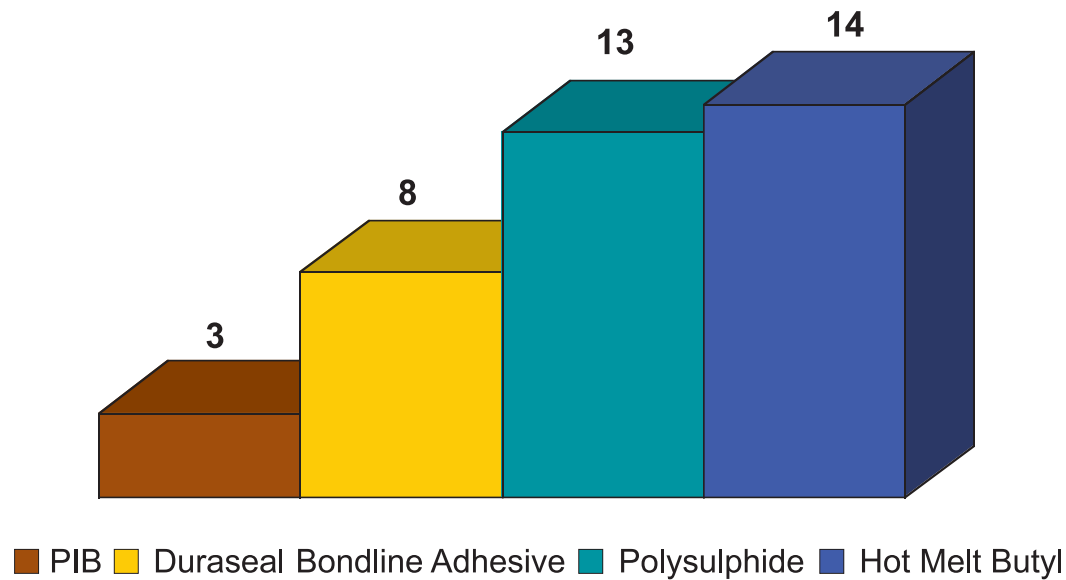
The Dura Platform is designed to be compatible and maintain the performance of Low E and gas filled units. The Dura Platform's bondline adhesive has been proven in over 10 million gas filled windows.

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Argon Permeability



Method ASTM D1434 cc/100 sq. in/d

Argon Permeability

The Dura Platform has one of the best Argon resistant bondline adhesives to keep Argon in your window longer and save more energy.

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Worse

1000

100

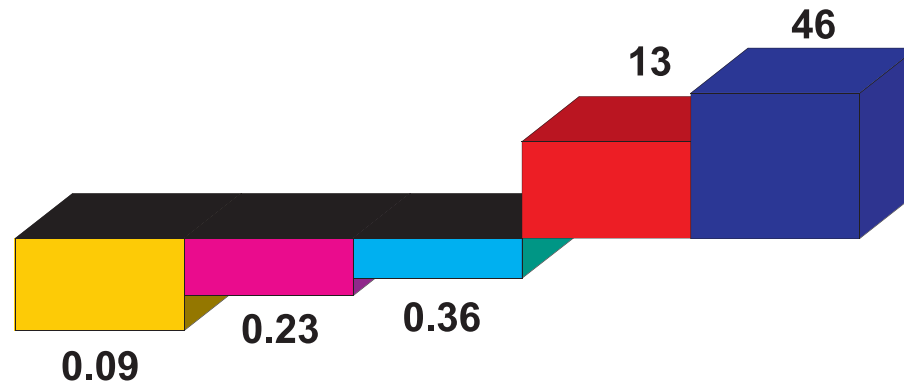
10

1

0.1

0.01

Best



- Duraseal Bondline Adhesive
- PIB
- Hot Melt Butyl
- Polyurethane
- Silicone

Method ASTM F1249, 0.060" film

Moisture Permeability

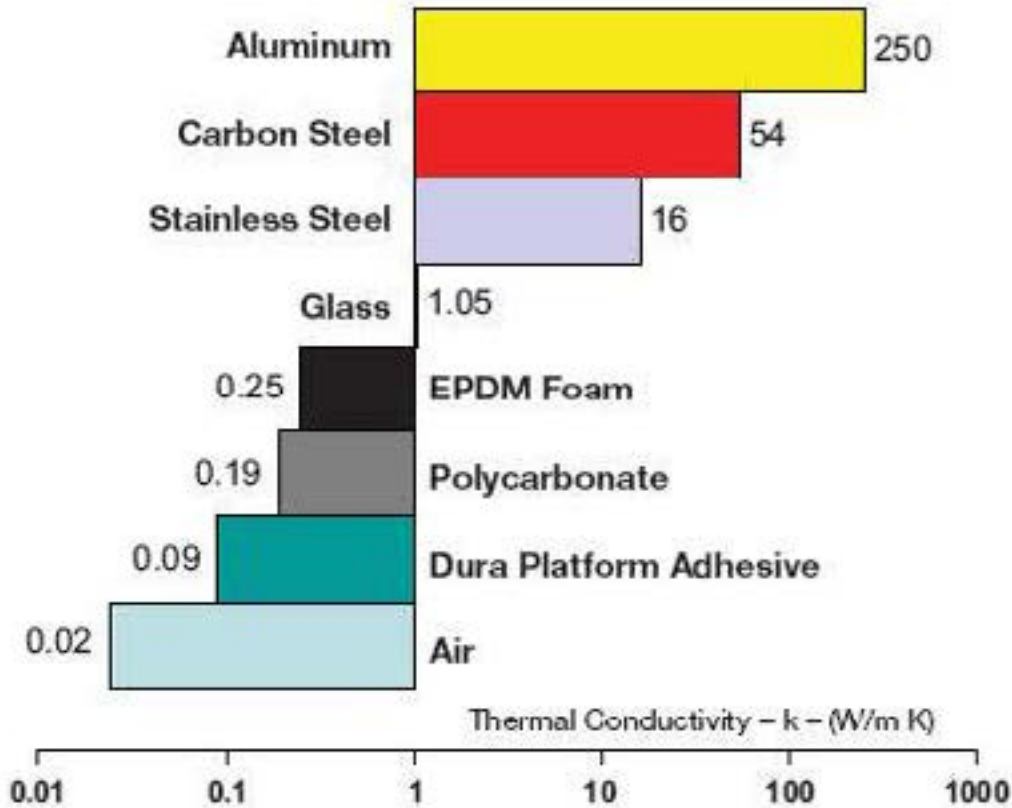
The Dura Platform has a unique adhesive that resists moisture better.

Insulating glass that resists moisture better lasts longer.

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Thermal conductivity of common materials www.engineeringtoolbox.com

Thermal Conductivity

Duralite and Duraseal are hollow air filled spacers and air is an excellent insulator, more than 10X better than EPDM foam and 200X better than carbon steel

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