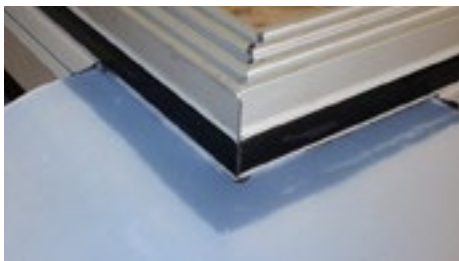




Consumer Solutions

# DOWSIL™ Silicone Transition System

Flexible, durable sealing solution to span moving joints



DOWSIL™ Silicone Transition System is a flexible, durable suite of silicone materials designed to help you create flexible transitions between various types of air and water barriers and the curtainwall, storefront, or window

being installed. The system has been proven to provide superior air infiltration, water penetration and performance due to the excellent adhesion capacity of Dow specialty sealants.

### Typical Properties

#### Cured Rubber Strip Extrusion

Test <sup>(1)</sup>	Property	Unit	Result
ASTM D412	Durometer Hardness, Shore A	points	53
ASTM D412	Tensile Strength	psi (MPa)	800 (5.5)
ASTM D412	Elongation	percent	400
ASTM D624	Tear Strength, Die B	ppi (kN/m)	200 (35)
ASTM C791	Adhesion of DOWSIL™ Construction Sealants to Strip	pli	>20
ASTM C719	Movement Capability	percent	+200/-75

#### Cured Molded Corner

Test <sup>(1)</sup>	Property	Unit	Result
ASTM D412	Tensile Strength	psi (MPa)	1200 (8.3)
ASTM D412	Elongation	percent	340
ASTM D624	Tear Strength, Die B	ppi (kN/m)	90 (16)

### Features/Benefits

- Provides high-movement seal capability at transitions
- Mechanical fastening is not required
- Install with fully compatible DOWSIL™ brand silicone sealants
- Textured edges to maximize sealant adhesion
- Continuous, airtight transition
- Superior tear resistance (200 ppi)
- Made translucent for quality assurance on seal application
- In-shop or on-site installation
- Molded inside and outside corners available
- Transition strip available in widths from 4" to 12"

<sup>(1)</sup>Dow has completed system testing of a curtain wall installed with DOWSIL™ Silicone Transition Strip, adhered with DOWSIL™ 758 Silicone Weather Barrier Sealant to a polyethylene faced self-adhered membrane with excellent results: <0.01 cfm per ASTM E-283. Additionally there was no water leakage per ASTM E331. ASTM: American Society of Testing and Materials.

## Limitations

DOWSIL™ Silicone Transition Strip is not intended for use:

- With DOWSIL™ 790 Silicone Building Sealant as an adhesive
- With non-DOWSIL™ sealants or acetoxycure silicone sealants as the bonding sealant
- In below-grade applications

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

## Health and Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, [consumer.dow.com/construction](http://consumer.dow.com/construction), or consult your local Dow representative.

## Contact Us

Dow is collaborating with industry professionals around the world to develop solutions to improve the energy efficiency of buildings, reduce the eco-footprint of construction materials, and improve the health and safety of building occupants. Learn more about DOWSIL™ Silicone Transition Strip and our full range of Building and Construction Solutions, including service and support, at **BuildABetterBarrier.com**.

Dow has sales offices, manufacturing sites and science and technology laboratories around the globe. Find local contact information at [consumer.dow.com/contactus](http://consumer.dow.com/contactus).

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