

Product Features and Benefits

3M™ Safety & Security Impact Protection Attachment (IPA) Sealant is a liquid caulk edge retention system designed to hold the 3M Safety and Security Window film in place to help provide additional impact protection from a variety of sources including bomb blasts, extreme weather and forced entry events. The 3M Impact Protection System (film and IPA) helps protect against personal injury from flying glass.

- Excellent tear, elongation and tensile strength
- Anchors the filmed glass to the window frame
- Available in Black, White and Gray

Performance Data

Property	Test Method	Values w/ Units
Curing Time (25°C (77°F), 50% RH)		7-14 Days
Full Adhesion	ASTM C639	> 14 Days
Tack Free Time (25°C (77°F), 50% RH)	ASTM C679	60 Minutes
Flow, Sag or Slump	ASTM C639	0.1 Inches
Working Time (25°C (77°F), 50% RH)		10-20 Minutes
Specific Gravity		1.34
VOC Content		30 gm/l
As Cured – After 7 Days at 25°C (77°F), 50% RH		
Durometer Hardness, Shore A	ASTM D2240	40 Points
Peel Strength	ASTM C794	40 ppi
Tear Strength, Die B	ASTM D624	49 ppi
As Cured- After 21 days at 25° (77°F), 50% RH		
Ultimate Tensile Strength	ASTM D412	170 Psi
Joint Movement Capability	ASTM C719	± 50%

Shelf life of 18 months from manufacture date if stored below 90°F.

IMPORTANT NOTICE: This product is **not approved** in the State of Florida for use as hurricane, windstorm, or impact protection from wind-borne debris from a hurricane or windstorm. In compliance with Florida Statute 553.842, this product may not be advertised, sold, offered, provided, distributed, or marketed in the State of Florida as hurricane, windstorm, or impact protection from wind-borne debris from a hurricane or windstorm. The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.

Commercial Solutions Division

3M Center, Building 220-12E-04 St. Paul, MN 55144. 3M.com/windowfilm

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Health and Safety

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