

# Technical data sheet



Product: 8068E

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBEBAND

Article group: EINSEITIG

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## 3M GRID AIR SEALING TAPE 8068E FAST-G

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# Grid Air Sealing Tape 8068E

## FAST-G / FAST-M (Linered)

### Technical Data

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**Product Description** 3M™ Grid Air Sealing Tape 8068E FAST-G / FAST-M are air, moisture and water impermeable tapes with an aggressive, high-tack acrylic pressure sensitive adhesive and reinforcing grid. FAST-G is a self-wound tape, while FAST-M has a poly-coated kraft paper release liner.

Product Construction	Backing	Adhesive	Color
	Multilayer Elastomeric Film	Acrylic	Tan, semi-translucent

### Typical Physical Properties

**Note:** The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

			Test Method
<b>Peel Adhesion</b>			
Stainless Steel	50 oz./in. width (0.55 N/mm)		ASTM D3330
Anodized Aluminum	70 oz./in. width (0.77 N/mm)		ASTM D3330
Polyethylene	30 oz./in. width (0.33 N/mm)		ASTM D3330
Plywood	70 oz./in. width (0.77 N/mm)		ASTM D3330
Oriented Strand Board (OSB)	35 oz./in. width (0.38 N/mm)		ASTM D3330
Spun-bonded polyolefin housewrap	45 oz./in. width (0.49 N/mm)		ASTM D3330
<b>Thickness</b>			
Tape only	10 mils (0.25 mm)		ASTM D3652
Tape and Release Liner	16 mils (0.41 mm)		ASTM D3652
<b>Tensile Strength</b>	1500 psi (10.3 MPa)		ASTM D882

### Features

- Aggressive acrylic pressure sensitive adhesive bonds to concrete, concrete block, anodized aluminum, galvanized metal, exterior gypsum sheathing and plywood without the use of any adhesion promoters.
- Reinforcing grid helps strengthen backing and reduce stretch.
- Multilayer Elastomeric Film backing seals around nails and staples to prevent moisture intrusion.
- Resists UV exposure for up to 12 months.
- Measurement markings every 12 inches.
- Service Temperature from -40° to 240°F (-40° to 116°C).
- Can be applied to substrates from 0° to 150°F (-18° to 66°C).

### Application Ideas

- Seaming air and vapor membranes.
- Taping gaps and penetrations to stop free air flow.

<b>Application Instructions</b>	<ul style="list-style-type: none"> <li>• To obtain the best adhesion, 3M grid air sealing tape 8068E should be installed when outdoor temperatures range from 0°F (-18°C) to 150°F (66°C).</li> <li>• Surfaces should be clean, free from dirt and debris and have not absorbed water.</li> <li>• Surfaces should be free of any damaged, unsupported areas, sharp protrusions or voids.</li> <li>• Concrete must be cured a minimum of 7 days before application.</li> <li>• Block or brick walls should have mortar joints stuck flush.</li> <li>• While 3M grid air sealing tape 8068E can be applied as low as 0°F (-18°C), surfaces must be clear of snow, ice or frost.</li> </ul>
<b>Storage</b>	Optimum storage conditions are 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.
<b>Shelf Life</b>	To obtain best performance, use this product within 24 months from date of manufacture.

## Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

## Product Use

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