



Flexible Air Sealing Tape FAST UC 8045

Product Data Sheet

Date: October 2016
Supersedes: NEW

Product Description

3M™ Flexible Air Sealing Tape Ultra-Conformable 8045 tape easily stretches to fit sills, curves and corners with a single piece without having to piece tape segments together. This avoids seams or joints.

Intended Use

- Sealing around openings and joints in building applications
- Sealing around window and door installations
- Sealing of feedthroughs for cables or wall penetrations

Note:

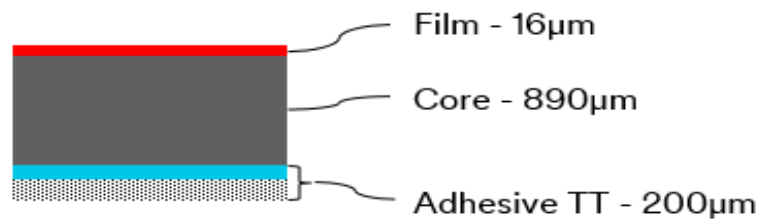
Applications not in regard to fire protection

Key Features

- Strong Tape that stretches and forms to difficult to flash areas (e.g. corners)
- Compatibility and primerless application with the most common building and construction substrates (PE, wood, OSB, concrete, etc.)
- Tight seal against weather intrusion
- Provides internal strength and durability
- Easy, fast and hassle-free installation
- 6 months UV radiation resistance

Physical Properties

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| Tape Colour | Grey |
| Adhesive Type | Acrylic |



Performance Characteristics

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|---|---------------------|
| Adhesion to Polished Steel 90° peel @ room temp, 24 hr dwell, jaw speed 300mm/min (AFERA 5001) | 130 N/100mm (CF) |
| Adhesion to PVC 90° peel @ room temp, 24 hr dwell, jaw speed 300mm/min (AFERA 5001) | 140 N/100mm (CF) |
| Adhesion Cement (Eterboard) 90° peel @ room temp, 24 hr dwell, jaw speed 300mm/min (AFERA 5001) | 130 N/100mm (CF) |
| Adhesion to OSB 90° peel @ room temp, 24 hr dwell, jaw speed 300mm/min (AFERA 5001) | 100 N/100mm (CF) |
| Adhesion to Wood, glazed 90° peel @ room temp, 24 hr dwell, jaw speed 300mm/min (AFERA 5001) | 100 N/100mm (AF) |

| | |
|--|---------------------|
| Adhesion to Polished Steel 90° peel @ after 7 days @ 38°C & 98% rH (AFERA 5001) | 150 N/100mm (CF) |
| Adhesion to PVC 90° peel after 7 days @ 38°C & 98% rH (AFERA 5001) | 150 N/100mm (CF) |
| Adhesion Cement (Eterboard) 90° peel @ after 7 days @ 38°C & 98% rH (AFERA 5001) | 140 N/100mm (CF) |
| Adhesion to OSB 90° peel @ after 7 days @ 38°C & 98% rH (AFERA 5001) | 110 N/100mm (CF) |
| Adhesion to Wood, glazed 90° peel @ after 7 days @ 38°C & 98% rH (AFERA 5001) | 140 N/100mm (CF) |

AF: adhesive failure

CF: cohesive failure

SF: substrate failure

| | |
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| Tensile / Stress at break Tensile / Elongation at break (EN ISO 527-3: 2003) | ≥ 0,840 N/mm ² ≥ 340 % |
|--|--------------------------------------|

Storage & Shelf Life

Store at 16 °C – 25 °C and 40-65 % relative humidity in its original box. The product can be stored up to 12 months after production.

Note: The shelf life may be shortened if the original packaging is not properly sealed or stored in an environment with high temperatures or humidity

For Additional Information

To request additional product information or to arrange for sales assistance, please see below for contact details.

Important Notice

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations

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