

## Features and Components

Expand-O-Flash expansion joint covers are flexible, weather-proof exterior covers for expansion joint openings and are an effective, flexible closure for a wide variety of standard and special applications.

## Use

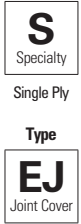
Designed to manage the movement of commercial and industrial building roof systems: thermal, settlement, new and existing junctions, differing roof deck materials or direction and seismic movement. Compatible with TPO roof membranes.

## Advantages

- Accommodates multidirectional movement
- Non-reinforced bellows for both geometric and elastomeric movement
- Designed in a variety of styles for application requirements
- Labor saving factory crafted intersections to fit most needs or custom designed for special needs



Component



## Insulated Option Available

Insulation is available as an option for Expand-O-Flash to provide a thermal barrier or noise reduction. The insulation option includes a high-quality polyethylene vapor barrier that both supports the insulation and prevents moisture from inside the structure from collecting on the insulation. Johns Manville Microlite "L" fiberglass insulation is wrapped in a 4-mil poly sleeve and is sized to fit your nominal joint width. R27 (8" insulation depth) is standard. Other R-values are available upon request.

**System Compatibility** This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

| Multi-Ply                              | BUR |    | APP |    | SBS |    |    |    |  |
|--|-----|----|-----|----|-----|----|----|----|--|
|  | HA  | CA | HW  | HA | CA  | HW | SA | MF |  |
| <i>Do not use in multi-ply systems</i> |     |    |     |    |     |    |    |    |  |

| Single Ply   | TPO |    |    |    | PVC |    |    | EPDM |    |    |
|--|-----|----|----|----|-----|----|----|------|----|----|
|  | MF  | AD | SA | IW | MF  | AD | IW | MF   | AD | BA |
| <i>Compatible with the selected single ply systems above</i> |     |    |    |    |     |    |    |      |    |    |

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

## Energy and the Environment

|                                |    |
|--------------------------------|----|
| Pre-Consumer Recycled Content  | 0% |
| Post-Consumer Recycled Content | 0% |

## Peak Advantage® Guarantee Information

Covered under the JM Peak Advantage Guarantee when installed in a JM approved roofing system.

## Installation/Application

- Do not install in direct contact with asphalt or coal tar pitch.
- Refer to JM applicator guides or detail drawings for instructions.

## Packaging and Dimensions

|  |   |
|--|---|
| Bellows Width*   | 4" - 12" (10.16 cm - 30.48 cm) Standard<br>Larger bellows sizes available up to 54" (1.37 m)*   |
| Cover Membrane Width   | 16" up to 48" (40.64 cm up to 1.21 m)<br>Depending on flashing and welding to the membrane requirements   |
| Nail Strip Width<br>Rubber Coated Nylon<br>and Galvanized<br>Steel Width | 1.375" (3.49 cm) <i>nail strips are concealed beneath the cover membrane, and a 1" (25 mm) wide aluminum termination bar may be provided to securely hold the cover in place.</i> |
| Roll Length  | 50 ft (15.24 m) (max.)  |
| Styles   | RR = Roof-to-Roof mounted<br>RW = Roof-to-Wall mounted<br>INS = Insulated available in all styles   |
| Producing Location   | Lewiston, ME  |

\*Other sizes are available, contact JM for more information.

\*\*Factory fabricated transitions are available.



# Expand-O-Flash® Expansion Joint Cover

TPO EJ/WC Heat Welded

## Typical Physical Properties

| Membrane Cover           |             | Values   |
|--------------------------|-------------|--|
| TPO                      | Thicknesses | 0.060" (1.52 mm)   |
|                          | Width       | 16" up to 48" (40.64 cm up to 1.21 m) <i>(Depending on flashing and welding to the membrane requirements.)</i> |
|                          | Colors      | White, Grey, Tan   |
| Closed Cell Support Foam | Thicknesses | <i>Thickness varies from 0.375 - 0.75 (9.53 mm to 19.1 mm) depending on bellws width</i>                       |

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the web at [www.jm.com/roofing](http://www.jm.com/roofing). The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville roofing products and systems, visit [www.jm.com/terms-conditions](http://www.jm.com/terms-conditions).