

## Description

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. Each Expand-O-Flash cover is a combination of a flexible rubber membrane, supported by a closed cell foam to form flexible bellows, with two metal flanges, adhesively and mechanically combined to the bellows by a patented bifurcation process.

As expansion joints move, the greatest stress occurs in the cover at the point where expansion joints intersect, cross or change directions. Factory-fabricated intersections are designed for maximum flexibility and are produced using special fabrication techniques to ensure watertight, clean seam lines. Close factory tolerance and quality control assures high yield performance.

## 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 single ply and bituminous roof membranes.

## Advantages

- Accommodates multidirectional movement
- Nonreinforced bellows for both geometric and elastomeric movement
- Available in 10' (3.05 m) lengths, 50' and 100' (15.24 m and 30.48 m) rolls (larger rolls also available)
- Compatible with single ply and bituminous membranes
- Designed in a variety of styles for application requirements



- Labor saving factory crafted intersections to fit most needs or custom designed for special needs
- Over 40 years of proven design, fabrication and field performance
- Factory design assistance available.

## Typical Physical Properties

### Flexible Membrane Cover

Type E . . . . . 60 mil (1.52 mm) EPDM sheet – white or black  
(white is premium priced)

Type N . . . . . 60 mil (1.52 mm) Neoprene sheet – black

### Flange Metal

Galvanized Steel . . . . . 26 ga. (0.56 mm)

Stainless Steel . . . . . .018" (0.46 mm)

Aluminum . . . . . .032" (0.81 mm)

Copper . . . . . 16 oz. (0.56 mm)

Others available

### Support Foam

Closed cell foam . . . . . Thickness varies from 3/8" to 3/4"  
(9.53 mm to 1.09 cm) depending on bellows width

## Sizes

Bellows width . . . . . 4" - 12" (10.16 cm - 30.48 cm)  
(Special up to 54" [1.37 m] wide)

Length . . . 10' (3.05 m) and 50' (15.24 m) and 100' (30.48 m) rolls  
(Special up to 250' [76.2 m])  
(CF and CF/EJ available in 10' (3.05 m) lengths only)

Other sizes may be available. Contact JM for more information.

## Styles

CF . . . . . Curb mounted

EJ . . . . . Curb or cant mounted

CF/EJ . . . . . Curb-to-wall mounted

EJ/WC . . . . . Curb or curb-to-wall

INS . . . . . Insulated available in all styles

Refer to the Material Safety Data Sheet and product label prior to using this product.