

## Features and Components

Expand-O-Gard expansion joints are flexible waterproof closures for vertical building walls designed to accommodate movement between building components caused by thermal, settlement, wind, flex and seismic forces. Each Expand-O-Gard cover is a combination of a flexible rubber membrane, with two metal flanges, adhesively and mechanically combined to the bellows by a patented bifurcation process.

## 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

**Bellows:** Widths: 4" - 12" (10.16 cm - 30.48 cm) Standard  
(Special sizes are available up to 54" [1.37 m] wide)

### Membrane

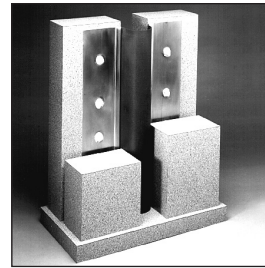
EPDM

Thickness: 0.060" (1.52 mm)

Colors: Black or White - premium priced and available upon request.

### Closed Cell Support Foam

Thickness varies from 0.375" - 0.75" (9.53 mm to 19.1 mm) depending on bellows width.



Style WS



Style F (Can be surface mounted.)

### Component

**S**  
Specialty

Multi-Ply  
Single Ply

### Type

**EJ**  
Joint Cover

**Flange<sup>1</sup>:** Aluminum<sup>2</sup>: .032" (0.81 mm)  
Copper: 16 oz. (0.56 mm)  
Galvanized Steel<sup>2</sup>: 26 ga. (0.56 mm)  
Stainless Steel: .018" (0.46 mm) folded to .036" (0.91 mm)

1. Other metals are available upon request.

2. Available in Kynar® finish colored upon request.

Kynar® is a registered trademark of Arkema, Inc.

**Styles:** WS = For masonry construction, metal buildings and panel wall systems where flanges are concealed and/or sandwiched within the wall system.

F = For joints between new and existing vertical walls, between curtain walls and glass atriums, and other vertical building walls where the flange is part of the closure design.

Factory fabricated transitions are available.

**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	CA	HW	HA	CA	HW	SA
<b>Not directly applicable to Multi-Ply roofing systems</b>								

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
<b>Not directly applicable to Single Ply roofing systems</b>							

**Key:** HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

## Energy and the Environment

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

Expand-O-Gard qualifies for JM 10 year Expand-O-Flash warranty.

## Installation/Application

Refer to JM applicator guides or detail drawings for instructions.

## Packaging and Dimensions

Styles	WS	F
Bellows Widths*	4" - 12" (10.16 cm - 30.48 cm)	
Flange Widths	4" (10.16 cm)	2.25" (5.72 cm)
Roll Lengths	10 ft (3.05 m) 50 ft (15.24 m) 100 ft (30.48 m)	10'4" (3.15 m)
	4", 6" and 8" WS widths are available in all lengths. 10" and 12" WS widths are available in 10 ft lengths only.	
Producing Location	Lewiston, ME	

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