

# Closed-Cell Expansion Strip



**Product Name:**  
**Expansion Strip**

*Closed-Cell polyethylene foam expansion material, for use in concrete construction.*

## Features

- Easy to manipulate
- Chemically inert
- Waterproof
- Virtually dust-free
- Meets all of the requirements of the 1990 Clean Air Act
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10

Physical Property Requirements		
Property	Value	ASTM Test Methods
Density lb/ft <sup>3</sup> , avg.	2.0	D 1622
Outgassing (No. of Bubbles)	> 1	C 1253
Compression Recovery, %, min	> 90	D 5249
Compression Deflection psi (kgf/cm <sup>2</sup> )	21 (1.42)	D 5249
Tensile Strength psi, min	55	D 1623
Water Absorption (g/cc)	< 4% Max.	D 3575

## Description

TYPE: 2: - Strips of various thicknesses intended for use with cold- and hot-applied sealants. FORM: Flat strips. TEMPERATURE LIMITS: -45°F to +200°F.

## Benefits

Polyethylene foam is an economical choice for use in concrete construction. Nomaco expansion strip material is lightweight, non-absorbent, UV stable and compressible for easy installation.

## Applications

Closed-cell expansion strip extends the services life of concrete by acting as an insulator to contraction and expansion joints. Common applications include, but are not limited to: parking decks, curbs and gutters, concrete slabs, swimming pools, roads and airport runways.

# Closed-Cell, Foam Control Strip

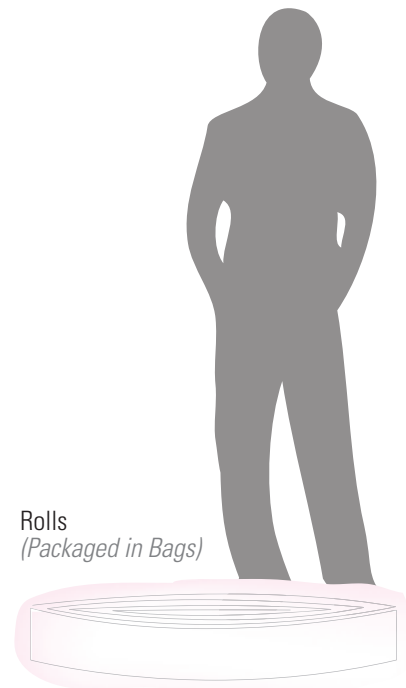
Packaging Specs				
Product	Unit	Roll Length	Unit Weight	Unit Dimension
1/2" x 4"	Roll	100'	5 lbs.	24" x 24" x 4"
1/2" x 6"	Roll	100'	5 lbs.	24" x 24" x 6"
1/4" x 4"	Roll	100'	5 lbs.	24" x 24" x 4"
1/4" x 6"	Roll	100'	5 lbs.	24" x 24" x 6"

### Joint Preparation and Installation

Just prior to placing the expansion strip, clean all joints, thoroughly remove any concrete form-release agents, curing compound residue, laitance, or any foreign materials. Air compressors used for this purpose must be equipped with traps for removal of oil and moisture. Install the expansion strip as directed by the architectural specifications and/or site plans.

**Compatibility** - Closed-cell polyethylene foam is basically an inert material; and therefore, it is compatible, both physically and chemically, with virtually all known cold applied sealants including self-leveling types.

**Precautions** - Do not over compress or stretch expansion strip during insertion. If sealant is used, confirm compatibility with the sealant manufacturer. Do not use with hot applied sealants. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM Test Method C 1087.



*Examples shown are for illustrative purposes only. Actual product may differ, slightly.*

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