



ICA Expansion Joint is a polyethylene foam material that acts as a dynamic seal that expands and contracts with the movement of concrete. It is a closed-cell material that resists water, dirt, etc. Non-crosslinked polyethylene is compatible with cold sealants such as silicone, butyl, polysulfide, acrylic, and polyurethane.

ICA Expansion Joint is lightweight and economical. It is resilient and easy to cut. It has a closed-cell structure for low moisture absorption and can be recycled.

► Available Sizes

- 1/2" x 3" x 50' roll
 - 16 rolls per bag
- 1/2" x 4" x 50' roll
 - 12 rolls per bag
- 1/2" x 6" x 50' roll
 - 8 rolls per bag



- ICA Expansion Joint is packaged for easy UPS shipment

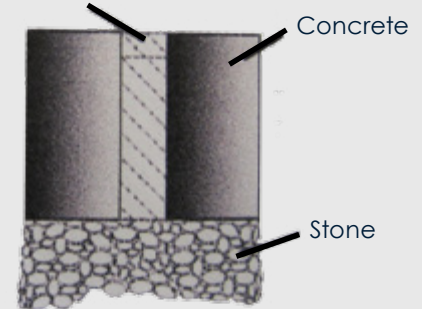
Caution: ICA Expansion Joint is a polyethylene foam and is combustible. As such it should not be exposed to flames or other sources of ignition.

Installation Instructions for ICA Peel-Off Expansion Joint

■ Step 1:

Place Peel-Off full depth to form the expansion joint.

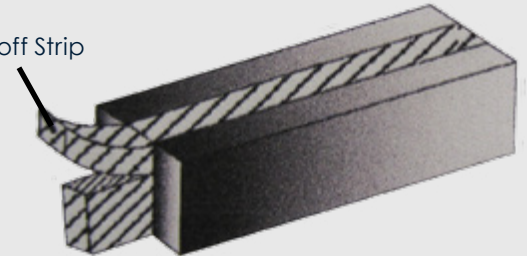
Peel-off Expansion Joint



■ Step 2:

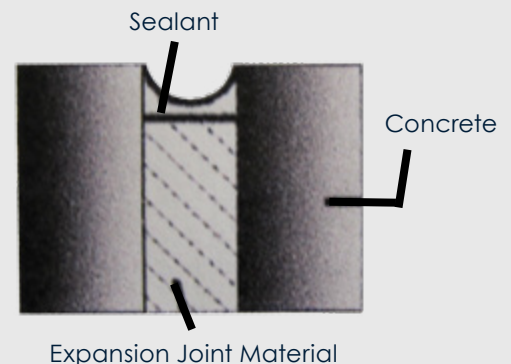
After concrete cures, peel off the strip to form the joint sealant reservoir.

Peel-off Strip



■ Step 3:

Install proper sealant in the joint reservoir.





EXPANSION JOINT:

Applications:

Non-Crosslink Polyethylene expansion joint filler can be used in all standard concrete construction, such as highways, runways, parking garages, driveways, sidewalks, and floor slabs.

Non-Crosslink Polyethylene can also be used as a buffer between dissimilar materials such as columns, manhole covers, and adjacent constructions.

Features:

- Extruded from a high quality, closed cell Non-Crosslink polyethylene foam
- **Tear-Off Strip** – Standard on each roll but can be special ordered without
- **Flexibility** – Will not break or crack when used around curves or columns
- **Lightweight** – Approximately 10 times lighter than traditional expansion joint products
- **Accepted** – Currently used by both residential and commercial contractors
- **Durable** – With near zero water absorption, non- crosslink polyethylene will not rot over time
- **Economical** – Easily cut and handled on any jobsite



Non-Crosslink Polyethylene Standard Packaging	
Colors***	White, Gray, Black
Thicknesses*	1/8", 1/4", 3/8", 1/2" (Roll Stock)
Width (Height)*	3/4" to 4" (Sheet Stock)
Length of 1/4" Rolls	2" to 48"
Length of 3/8", 1/2" Rolls	100'
Length of 3/4", 1" Planks	50'
	9'

*** Colors vary by size. Custom thicknesses, and widths available, please inquire about availability and lead times.

Physical Properties	Test Method	Value*
Recovery (%)	ASTM D545-99	98.6
Extrusion (in)	ASTM D545-99	0.16
Compressive Strength Vertical Direction (psi)	ASTM D545-99 Suffix D @ 50%	12.3
Compression Set (%)	ASTM D3575-00 Suffix B	16
Tensile Stress (psi)	ASTM D3575-00 Suffix T MD / CMD	44 26
Elongation (%)	ASTM D3575-00 Suffix T MD / CMD	79 65
Tear Resistance (lb/in)	ASTM D3575-00 Suffix G MD / CMD	10 15
Density Range (lb/ft ³)	ASTM D3575-00	1.7 (nominal)
Water Absorption (lb/ft ²)	ASTM D3575-00 Suffix L	<0.1
Meets Application Requirements of: ASTM D 4819 Type II ASTM D 3575		

* While values shown are typical of these products, they should not be construed as specification limits.