

Non-Crosslink Polyethylene

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



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		

Non-Crosslink Polyethylene Standard Packaging		
Colors***	White, Gray, Black	
Thicknesses*	Roll Stock	Sheet Stock
	1/8 " , 3/16" ,	3/4" to 8"
	1/4" , 3/8" , 1/2"	
Width (Height)*	1/2" to 48"	
Length of 1/4" Rolls	100'	
Length of 3/8" , 1/2" Rolls	50'	
Length of 3/4" , 1" Sheets	9'	

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

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