

Closed Cell Cross-Link Polyethylene

Description:

This expansion joint material is extruded from a high quality closed cell, cross-linked polyethylene foam.

Cross-Link Polyethylene provides all the same reliable characteristics of standard non-cross-link polyethylene, but is compatible with hot applied sealants and exposure to a broader range of solvents.

Cross-Link Polyethylene is available with or without a peel of top.

Use:

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

Cross-Link 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 Cross-linked polyethylene foam
- **Tear-Off Strip** – Available upon request, but can be special ordered without
- **Flexibility** – Will not break or crack when used around curves or columns
- **Accepted** – Currently used by both residential and commercial contractors
- **Durable** – With near zero water absorption, cross-link polyethylene will not rot over time
- **Economical** – Easily cut and handled on any jobsite

Physical Properties	Value*	Test Method
Material	Polyethylene	**Testing done according to ASTM D3575 and ASTM C117 (thermal conductivity) Standards.
Color	Charcoal	
Density, Apr. (lbs/ft ³)	2.0 PSI	
Tensile Strength (psi min)	43 PSI	
Elongation at Break (% Min)	120%	
Water Absorption	<0.06	
Compression Set (% of original thickness)	24%	
Tear Strength	11 (lb/in)	
Compressive Strength (@ 25% PSI)	6 PSI	
Thermal Stability (% of change @ 158° for 24 hrs)	<0.5	
Thermal Conductivity (btu / hr / ft ² °F)	.26	
Working Temp. Range	-70° F - 410° F	
Flammability (MVSS302)	Pass Available	

ASTM-D-4819 Type I
ASTM-D-1752 Modified, Section 5.1 – 5.4*
ASTM-D-5249, Type II

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