



Closed Cell Crosslinked Polyethylene Foam Joint Material

Description:

BoMetals Supply of HT (Chemically) and **HTI** (Irradiation) cross-linked closed cell polyethylene foam is manufactured as a continuous sheet, which can then be supplied as either rolls or sheets of foam.

BoMetals Supply of HT / HTI provide all the same reliable characteristics of standard foam, but is compatible with hot applied sealants and exposure to a broader range of solvents.

BoMetals Supply of HT up to ½” thick is available with or without a peel off top.

Use:

BoMetals Supply of HT / HTI expansion joint filler can be used in all standard concrete construction, such as highways, runways, parking garages, driveways, sidewalks, and floor slabs.

BoMetals Supply of HT / HTI can also be used as a buffer between dissimilar materials such as columns, manhole covers, and adjacent constructions.

Features:

- **BoMetals Supply of HT / HTI** - Extruded from a high quality, closed cell Crosslinked 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, BoMetals Supply of HT / HTI will not rot over time
- **Economical** – Easily cut and handled on any jobsite with no waste

Physical Properties	HT Foam	HTI Foam
Nominal Density (PCF)	2.0	2.0
Tensile Strength (PSI)	43	44
Elongation (% to break)	120	150
Tear Resistance (lb/in)	11	13
Compression Strength (PSI) 25%	6	7
Compression Set (% of original thickness)	24	22
Thermal Stability (% of chg @ 158° for 24 hrs)	<.5	<.6
Thermal Conductivity (btu/hr/inch ft/°F)	.26	.27
Working Temp Range	-70°F to 175°F	
Water Absorption (lb/ft/ °F)	<.06	<.06
Flammability (MVSS302)	Pass	

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

Testing Done according to ASTM D3575 & ASTM C177(Thermal Conductivity) Standards.

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