

## BPL Open Cell Foam High Performance Insulation



**BPL** BURTIN POLYMER  
LABORATORIES

- Attic Structures
- Interior Walls
- Exterior Walls
- Sound Abatement
- Media Rooms
- Basements

	BPL 1420-0.5	Cellulose	Fiberglass Batts	Fiberglass Loose-fill
R-Value Per Inch (AVG)	3.85	4.0	3.7	3.2
Air-Barrier Materials	✓	✗	✗	✗
Expand to Fit	✓	✗	✗	✗
Low Vapor Transmission	✗	✗	✗	✗
Low Water Absorption	✗	✗	✗	✗
High Strength And Stiffness	✗	✗	✗	✗
No Measurable Formaldehyde	✓	✓	✗	✓



Greener



Stronger



Healthier

# FX 050 Open Cell Technical Data

Density	ASTM D-1622	0.5 pcf
Compressive Strength, Parallel	ASTM D-1621	0.95 psi
R-Value	ASTM C-177	3.85
Tensile Strength	ASTM D-1623	4.9 psi
Closed cell Content	ASTM D-1940	>94% min.
Dimensional Stability	ASTM D-2126	+6% max
Moisture	ASTM C-355	9.4
Flame Spread	ASTM E-84	25 (Class 1)
Smoke Development	ASTM E-84	400 (Class 1)

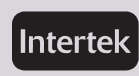
## USES

BPL 1420-0.5 is designed for use in applications such as Insulation Foams, Spa, Residential, Commercial, Agricultural and Void Fill. BPL 1420-0.5 meets or exceeds ICC-ES AC 12 acceptance criteria for plastic foam insulation.

ICC  
**ES** Approved ESR #2580



The polyurethane foam is produced by combining a polymeric isocyanate (A component) and a resin (B component). The products have a shelf life of six months, when stored in factory sealed containers at temperatures between 55° F and 85° F (13° C and 29° C). This product is rated CLASS 1 according to ASTM E-84 at four inches with a Flame Spread of 25 and a Smoke Developed of 450. This product holds an ICC-ES evaluation report; ESR-2580.



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