



IZO-B1

Description : Single box Vapor, Thermal and Fire Barrier

The Izobox Simple is the ideal solution for installing outlets on exterior walls or interior partitions in multi-unit buildings. It provides quick and effective fire and vapor barrier protection, optimized for your electrical boxes.

Description

Product category	Electrical box Hardware and barrier accessories
Product application	For 1 electrical box 8 1/4" x 6 5/16" x 3 3/16"

Specifications

Material	EPS Graphite 2.0 PCF
NexTherm	MT55L
Color	Grey

Certifications

UL/ULC

NexTherm fabrication specifications

NexTherm is the new option for improved **eps insulating performance**.

The properties of **MT55L**, NexKemia's premier grade of Graphite **EPS (GPS)**, are as follows:

ASTM C578		MT55L Graphite Polystyrene			
Property*	Unity	Type I	Type VIII	Type II	Type IX
Density	Pcf, minimum	0.9	1.15	1.35	1.8
Thermal Resistance (R-Value)	ft ² · h · °F/Btu at 75°F	5.0	5.0	5.0	5.0
Compressive Resistance 10% Deformation	Psi, minimum	10	14	15	25
Flexural Strength	Psi, minimum	25	32	39	50
Water Vapor Permeance	perm-in, max	4.0	3.0	3.0	2.5
Water Absorption By Total Immersion	% by Volume Max	1.2	1.2	1.2	1.0
ASTM E84/UL 723					
Flame spread	Index	0			
Smoke development	Index	15			

*NexTherm MT Series meets ASTM C578 « Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation ». UL listing R26178.

The data provided are typical results. Final properties may vary depending upon expansion and molding parameters.

**R-Value properties are based upon 1-1/16" thickness. 1" equates to R-Value = 4.7.