

**RetroFit Foam** not only provides you with the highest R-value available in a retrofit insulation, it's also extremely fire resistant. **RetroFit Foam** is continuously being tested for fire safety and thermal efficiency. The pictures below show an actual A.S.T.M. E-84 fire test being conducted on samples of **RetroFit Foam Insulation**.



Here is the high temperature tunnel where the samples are placed for the burn test.



This next photo shows the intense fire burning the samples located at the top of the tunnel.



This photo shows the minimal amount of charring on the **RetroFit Foam** after the test was completed.

*No other insulation can offer you the safety savings and comfort that **RetroFit Foam** provides. You will also take satisfaction in knowing that you are doing your best in conserving our precious, limited resources for your future and your children's future.*

## RetroFit Foam Specifications

### PRODUCT TESTING and TESTING METHODS

<b>Fire Hour Rating</b>	ASTM E-119	2 Hrs.
<b>Thermal Conductivity</b> (1)	ASTM C-177	
	R, Hr. - Ft. <sup>2</sup> - °F/BTU @ 72°F mean	5.1
<b>Surface Burning Characteristics</b> (2)	ASTM E-84	
	Flame Spread	5
	Smoke Development	10
<b>Toxicity</b> (3)	FHSA	Non Toxic
<b>Heat of Combustion</b>	ASTM D-240-73	
	6,435 btu per lb.	
<b>Corrosiveness</b>	DOE (e)(3)	HUD 6.2.8
	No Perforations, No Pitting, Less than .05g	
	Non Corrosive	
<b>Water Drainage</b>	DOE (e)(10)	HUD 6.2.4
	No Drainage	
<b>Water Vapor Transmission</b>	ASTM C-355	
	Perms - in.	15.9 - 16.9
<b>Sound Transmission Loss</b>	ASTM E413-73	
	STC	53
<b>Density</b>	ASTM D-1622	Lbs./Ft. <sup>3</sup> 1.2
<b>Compressive Strength</b>	ASTM D-1621	Psi
	Procedure A	32 - 45
<b>Gel Time</b>	DOE (3)(8)	HUD 6.2.3
	25 seconds	
<b>Shrinkage</b> (variable)	DOE (e)(11)	HUD 6.2.5
	Approx. .5 - 1.5%	
<b>Fungi Resistance</b>	HUD procedure	
	No Growth	
<b>Oil Absorption</b>	Test #100-1198-1	
	Weight Gain: 3,179.3%	
	(Rodent& Insect resistant)	
<b>Electrical Conductivity</b>	Test #100-982	>20
	mega-ohms (no conductance)	



888-RETRO-40

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**RetroFit Insulation, Inc.** is a Certified Dealer and Installer for **RetroFit Foam** insulation. We specialize in residential homes and commercial buildings throughout Massachusetts and Rhode Island. **RetroFit Foam** is private label name. This foam has been installed in over 3 million homes nationwide. **RetroFit Foam** was developed with the homeowner, environment and our natural resources in mind. It is a non-toxic and environmentally safe product that doesn't contain any asbestos, glass fibers or chlorofluorocarbons which damage the earth's ozone layer. Also, **RetroFit Foam** is not a Polyurethane or Urea Formaldehyde Insulation product. It is manufactured by incorporating the best qualities of Phenolic Insulation and combining it with some of today's high tech synthetic plastics compounds and technologies. It has the unique ability to flow into nooks and crannies, to seal your home from outside cold and to virtually eliminate costly drafts. **RetroFit Insulation, Inc.** will concentrate on improving your home's "insulation envelope".

**RetroFit Foam** is a 60% closed-cell, 40% open-cell, semi-permeable foam that in one step provides a sealed, thermal envelope,

The most efficient retrofit insulation money can buy!