

Memtech Acoustical, LLC

Your Source for Noise Control Solutions

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Product Information 

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Prospect Pipe Lagging



PROSPECT Pipe Lagging is ideal for many industrial uses. Use it to reduce noise created by loud vibrating pipes or stop sound transmission through various substrates.

PROSPECT Pipe Lagging combines the benefits of both PROSPECT non-vinyl barrier and willtec acoustical foam into one durable product consisting of:

- 1/4" thick willtec foam decoupler used to absorb noise. The foam creates air space so that the barrier doesn't take on the vibration of the pipes or various substrates.
- 1/8" thick PROSPECT non-reinforced vinyl barrier. The barrier contains the noise and reduces sound transmission.
- Optional pressure-sensitive adhesive backing for easy installation

- STC = 27
- Ideal for controlling pipe noise
- Easy installation with optional adhesive backing
- Operating temperature up to 140 degrees Fahrenheit

Installation

- Install with the foam decoupler side on the pipes or various substrates.
- Adhere or mechanically fasten to the pipes or various substrates.

Physical Data	PROSPECT Pipe Lagging	Product Component willtec Acoustic Foam	Product Component PROSPECT Barrier
Material	PROSPECT barrier adhered to willtec foam	1/4" thick willtec foam	1/8" PROSPECT Non-reinforced (EVA) barrier
Surface Pattern	N/A	Soft & flat with small pores	Smooth
Color	Natural Grey & Black	Natural Grey	Black
Sizes	3/8" X 24" X 48" Sheets 3/8" X 48" X 24' Rolls	1/4" Thick 1/4" Thick	1/8" Thick 1/8" Thick
Specific Gravity	N/A	N/A	2.5
Density	N/A	0.7 lbs./cubic ft.	1lb/sq. ft.
Tensile Strength	N/A	8 psi (ASTM D3574-77)	180 psi
Tear Strength	N/A	N/A	50 ppi
Elongation	N/A	8% (ASTM D3574-77)	200%
Heat Conductivity	N/A	k factor = 0.24 at 50 °F, R value = 4.2	N/A
Operating Temperature	140° F Max	0 to 302° F	140° F Max
Flammability	N/A	Class 1 fire-rated (ASTM E84)	Passes MVSS 302
Flame Spread	N/A	5	N/A
Smoke Density	N/A	50	N/A

Frequencies Hz	Transmission Loss (ASTM E90-90 & E413-87)
125	15
250	18
500	22
1000	30
2000	42
4000	48
STC	27