Back to Index >

Prospec Pipe Lagging

- ✓ 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

PROSPEC 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.

PROSPEC Pipe Lagging combines the benefits of both PROSPEC 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 PROSPEC non-reinforced vinyl barrier. The barrier contains the noise & reduces sound.
- Optional pressure-sensitive adhesive backing for easy installation.

Physical Data	PROSPEC Pipe Lagging	Product Component willtec Acoustic Foam	Product Component PROSPEC Barrier
Material	PROSPEC barrier adhered to willtec foam	1/4" thick willtec foam	1/8" PROSPEC 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