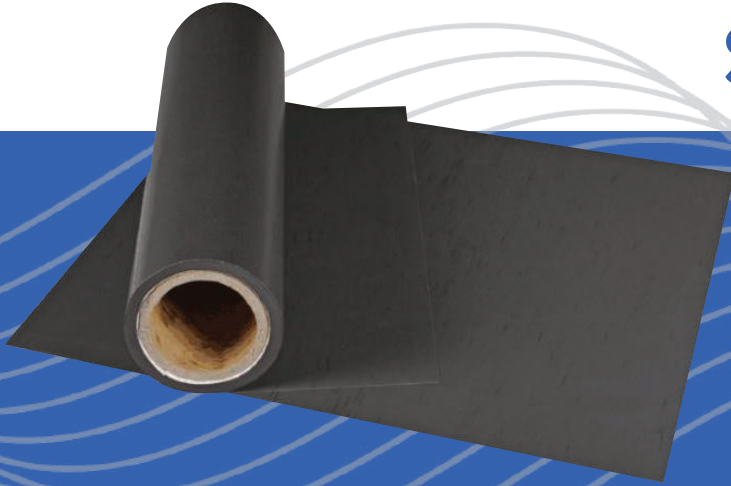


# **POLYFILL** **SONOBLOCK - FR**



## DESCRIPTION

Polyfill's acoustical barriers are a proprietary blend of ethylene-based copolymers and other constituents designed to achieve the necessary surface weight and processability for performance in specific noise reduction applications. Sonoblock-FR is our custom formulated product line designed to meet fire retardant specifications required for industrial and commercial application building materials.

## APPLICATIONS



**COMMERCIAL BUILDING**



**HVAC**



**ROOM ACOUSTICS**



**GENERAL APPLIANCE**

## LAMINATE & DE-COUPLER OPTIONS

- |         |          |                      |                   |
|---------|----------|----------------------|-------------------|
| - Foam  | - Foil   | - Web Adhesive       | - Tufted Carpet   |
| - Fiber | - Scrim  | - Pressure Sensitive | - Nonwoven Carpet |
| - Film  | - Shoddy | Adhesive             |                   |

## PRODUCT HIGHLIGHTS



**Class A Fire Rated**




**Simple & Effective  
Noise Solution**



**In-Line Lamination to  
Multiple Substrates**



**100% Recyclable**



# POLYFILL

## SONOBLOCK - FR

### TECHNICAL DATA

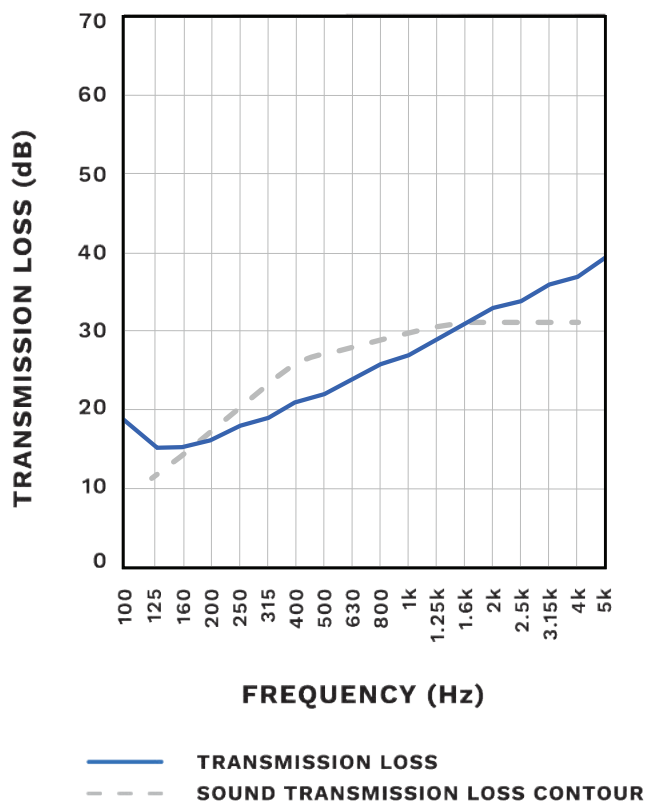
#### PHYSICAL PROPERTIES

WEIGHT/AREA	1lb/ft <sup>2</sup>
SPECIFIC GRAVITY	1.73
VOC EMISSIONS	Passes VDA 278
HAZARD RATING	Non-Hazardous
WIDTH	96" capacity

#### FLAMMABILITY

ASTM E84 (UL723)	<b>CLASS A</b>
FLAMESPREAD INDEX	10
SMOKE DEVELOPED INDEX	50
UL94 VB	<b>V-0</b>
UL94 HB	<b>PASS</b>

#### SOUND TRANSMISSION REPORT



#### SOUND TRANSMISSION LOSS VALUES

FREQUENCY	TL (dB)
100	18
125	15
160	15
200	16
250	18
315	19
400	21
500	22
630	24
800	26
1000	27
1250	29
1600	31
2000	33
2500	34
3150	36
4000	37
5000	39
<b>STC</b>	<b>27</b>