

**SilentWrap™ PSA** is a 1 lb. per sq/in acoustical barrier designed to reduce the sound transmission through walls, ceilings and floors in virtually any environment. The back side is coated with a pressure sensitive adhesive for easy adhesion to flat surfaces. This dense polymer barrier dampens vibrations in structures and also reduces the transmission of airborne noises.

### SilentWrap™ PSA Benefits

**Efficient Sound Isolation:** Reduces perceived Noise Levels up to 88%.

- **Easy Installation** – Can be cut with a utility knife or shears and is easily installed on a dry clean surface. Being a heavy material, the adhesive backing holds material in place
- **Cost-Effective** – Lower total cost than installing multiple drywall layers or pouring additional layers of concrete flooring
- **Green Product** – SilentWrap is made from post-industrial recycled products and is fully recyclable.

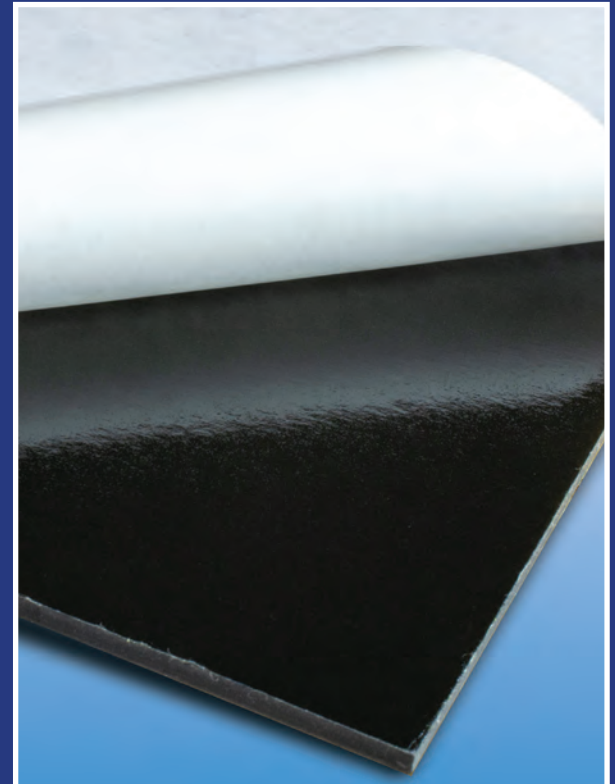
### SilentWrap™ PSA Applications

#### Residential

- Home Theaters
- Condos
- Music Rooms
- Bedrooms, Bathrooms, Basements
- Multi-Family Buildings
- Noisy Plumbing

#### Commercial

- Recording Studios
- Educational Facilities
- Places of Worship
- Theaters and Performing Arts
- Healthcare Facilities
- Hotels.....and many more



	Weight [lb/sqft]	Roll Size	Acoustical Properties per ASTM E90-97
SWPSA-1048	1.0	48" x 25'	STC 26

### Other acoustical products available from Sound Acoustic Solutions:

**SilentCeiling Black™** (black fiberglass ceiling tiles)

**SilentFiber™ Wall Panels** (sound absorption wall panels)

**SilentImpact™** (rubber underlayment material)

**SilentCurtain™** (noise barrier products)

For more information, please visit us at  
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### Adhesive Information

A double coated polyester (PET) film is adhere to the back side and forms a pressure sensitive adhesive facing. This versatile, cost effective adhesive is specifically designed for demanding bonding applications. It provides permanent bond on foams, plastics, metals and composite materials subjected to a broad range of environmental conditions.



### Features & Benefits

- High performance adhesive bonds to a wide variety of metals, high surface energy plastics, and composite materials
- Excellent UV and temperature resistance
- Performs well at high and low temperatures
- Excellent peel, tack and shear

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness <sup>Ω</sup>	3.5 mils	0.09 mm	PSTC-133
Adhesive Thickness - EXP	1.5 mils	0.04 mm	
Adhesive Thickness - LNR	1.5 mils	0.04 mm	
Peel Adhesion - EXP <sup>Δ</sup>	40 oz/in	11.1 N/25 mm	PSTC-101
Peel Adhesion - LNR <sup>Δ</sup>	40 oz/in	11.1 N/25 mm	PSTC-101
Shear Adhesion	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa	PSTC-107
Tensile Strength	7.5 lb/in	33.9 N/25 mm	PSTC-131
Elongation	100 %	100 %	
Service Temperature	-40 to 300 °F	-40 to 149 °C	

<sup>Ω</sup> - excluding liner

<sup>Δ</sup> - 20 minute dwell

### SilentWrap™ PSA STC comparison. All with single layer drywall both sides.



**STC 29:** wood stud



**STC 42:** steel stud + insulation



**STC 51:** wood stud + insulation + SilentWrap



**STC 53:** steel stud + insulation + SilentWrap

For more information, please visit us at: [www.SoundAcousticSolutions.com](http://www.SoundAcousticSolutions.com)  
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