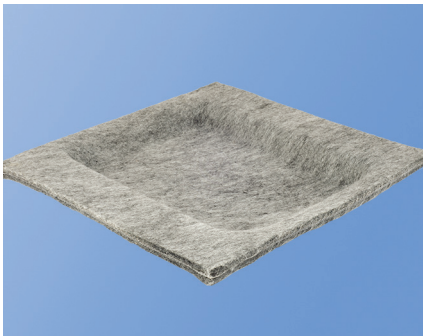
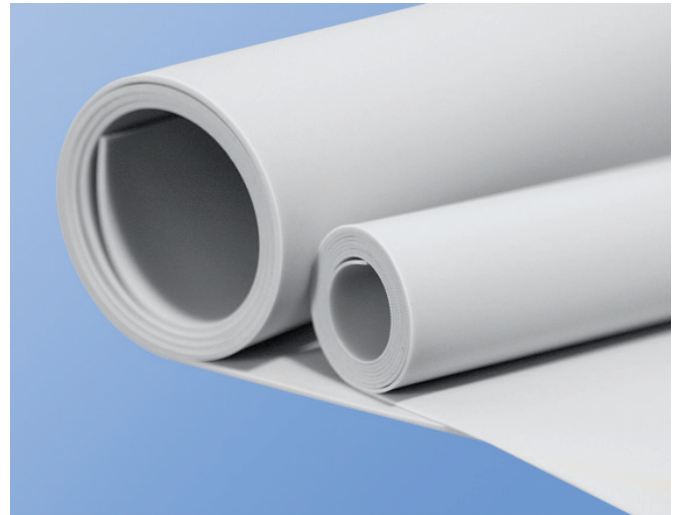


# L-6004

## Aircraft Flexible Sound Barrier

L&L Products Flexible Sound Barrier provides a lightweight acoustic insulation layer between the fuselage and the cabin lining of commercial passenger aircraft and business jets. In collaboration with National Nonwovens, a wide range of acoustic blanket configurations are available to solve customer specific needs.



### Key Product Attributes

- Moldable into three-dimensional shapes
- Flexible yet tear resistant
- Good thermal dimensional stability
- Sewable
- Easy to install and mount
- Odor free

### Typical Application Areas

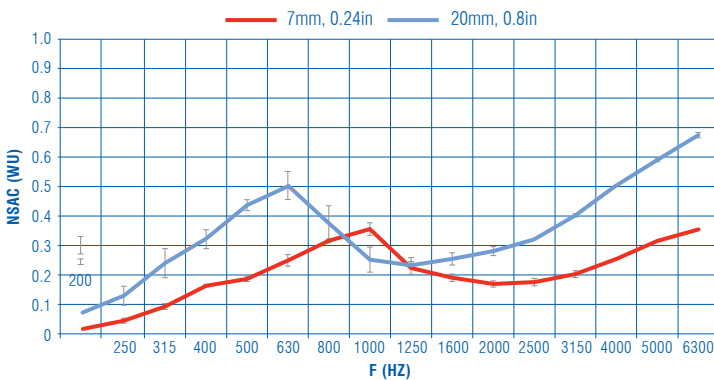
- Overframe blankets
- Crew rest compartments
- Curtains
- Floors

### Technical Data

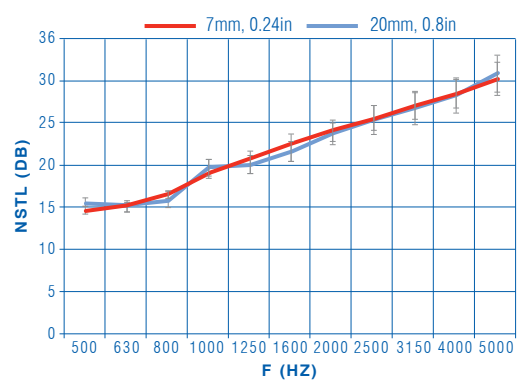
TYPICAL PROPERTIES			
		L-6004	Test Method
Physical Properties	Type	Film	-
	Color	White	-
	Moldable / Sewable	Yes / Yes	-
	Thickness	0.7mm 1.1mm 1.8mm	-
		0.027in 0.044in 0.070in	-
Area Weight	1.0kg/m <sup>2</sup> 1.5kg/m <sup>2</sup> 2.4kg/m <sup>2</sup>	-	
	0.2 psf 0.3 psf 0.5 psf	-	
Mechanical Properties	Tensile Modulus	> 27.6 MPa	-
		> 4,000 psi	-
	Tear Strength	> 17.5 N/mm	ASTM D624
>100 lbf/in			
Fire Properties	Flammability	Pass	FAR Part 25§25.853(a)
	Smoke & Toxicity	Pass	FAR Part 25§25.853 (d)
	Flame Propagation Resistance	Pass	FAR Part 25 §25.856 (a)

\* National Nonwovens Silint™ needlepunched.

**Felt\*/0.2psf Film/Felt\* Configuration**  
**Normal Incidence Sound Absorption Coefficient**  
 ASTM E1050-12 - ISO 10534-2



**Felt\*/0.2psf Film/Felt\* Configuration**  
**Normal Incidence Sound Transmission Loss**  
 ASTM E2611-09



### Product Form & Packaging

- Product available in 61.5in (1562mm) wide x 100yds (91m) rolls except for the 0.5psf which is available in 50yds (46m)

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