

# SOUND TIGHT



**MASS LOADED  
ELASTOMERS**  
Sound Insulation & Absorption



## APPLICATION

**Airborne sound insulation** for light constructions with sheet metal, plasterboard, bricks, plastic sheets, wood, HVAC ducting, pipes etc, or as **suspended insulating curtains** with the appropriate support.

**Impact sound insulation** for Applications like doors, floating floors, partition walls, machine enclosures, vehicle floors, etc.

**Vibration damping** of metal sheets, plastic sheets, HVAC ducting, drain pipes, vehicle walls and floors, etc.

Absorption of a Low Frequency Sound Waves for specialised application as limp membranes / Bass Traps in **Recording Studios, Cinema Halls, Home Theatres** etc.

## INSTALLATION

Applied on **any surface** – either flat or curved.

**No special tools** for handling & installation.

Can be cut in **any size and shape** with utility knife or scissor.

Can be applied with synthetic rubber **adhesive** or mechanical **fixing**

## **SOUND TIGHT** ***I - IMPACT***

Impact sound damping & air borne sound barrier. For applications like doors, floating floors, partition walls, machine enclosures, vehicle floors, carpet or wooden flooring underlay etc.

Can be used for cost effective large scale commercial projects to reduce sound transfer between spaces by increasing the STC of applied surface.

Code	Thickness	Standalone STC Rating*	Size	Density	Weight / Sq. Meter
STI 306	3mm	29	1.2mtr x 2.4mtr	2.0	6 Kg
STI 612	6mm	35	1.2mtr x 2.4mtr	2.0	12 Kg

## **SOUND TIGHT** ***B - BLOCK***

It is a soundproofing membrane that greatly increases the STC of partition walls and ceilings in light/dry construction. Can be pasted on boards, and also used as 'Suspended ' insulating curtains with appropriate support.

Can be used in projects such as recording studios and specialised acoustic spaces which require high level of sound isolation. Can also be used as limp membranes; framed in appropriate enclosure to absorb 'Mid and Low Mid' frequency sound waves.

Code	Thickness	Standalone STC Rating*	Size	Density	Weight / Sq. Meter
STB 309	3mm	32	1.2mtr x 2.4mtr	3.0	9 Kg
STB 412	4mm	37	1.2mtr x 2.4mtr	3.0	12 Kg

## **SOUND TIGHT** ***T - TRAP***

To be used in highly specialised application as a limp membrane in appropriate framed enclosure.

Works effectively in absorbing Low frequency soundwaves, as bass traps. Specially Designed for use in Recording studios, High-end Home Cinemas, Audiophile Listening Rooms.

Code	Thickness	Standalone STC Rating*	Size	Density	Weight / Sq. Meter
STT 515	5mm	40	1.2mtr x 2.4mtr	3.0	15 Kg
STT 618	6mm	44	1.2mtr x 2.4mtr	3.0	18 Kg
STT 315	3mm	41	1.2mtr x 2.4mtr	5.0	15 Kg
STT 318	3mm	47	1.2mtr x 2.4mtr	6.0	18 Kg

## ADDITIONAL INFORMATION

*This soundproofing material is produced from high-density elastomeric viscoelastic Natural / Neoprene /Blended Rubber.*

*Custom made premium fire resistant material with flame retardants can be requested on order*

*Custom made premium fabric reinforced material can be requested on order.*

*Custom made premium sizes can be requested on order.*

*The material has minimum one sided matte finish surface to ensure strong adhesion using synthetic rubber adhesive on various application surfaces.*

*Available in: 1200mm x 2400mm Sheets.*

*\*Stand Alone STC Ratings under laboratory test conditions*

### **Storage Norms:**

*Store in a cool dry place away from all sort of oils, acids & alkalis. Do not expose to direct sunlight.*

*Use the material with FIFO ( First In First Out ) method after opening the packaging.*

*Store rolls in Vertical Orientation. Do not pile up rolls in horizontal state. Store between temperature 20°C & 45°C.*

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