

# Sound & Acoustic Designs.

Ground Floor, Shikhar Appt, Nr. Home School, Waghawadi Road.  
Bhavnagar-364002. Ph: +912782426666, [soundacousticdesigns@gmail.com](mailto:soundacousticdesigns@gmail.com), [info@soundtight.in](mailto:info@soundtight.in)  
GST No: 24AHVPM7806N1ZJ

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## Data Sheet for Sound Tight – Impact Series

Date  
22<sup>nd</sup> Dec 2021

### Test Component

Sound Tight - Impact Series - Sound Tight STI306 & Sound Tight STI 612

### Test Requirement & Standards

Thickness, Specific Gravity, Hardness, Tensile Strength, Elongation, Compression, & Temperature Stability.  
As per ASTM D792, ISO 1183, ASTM D412, ISO 37, ASTM D395, ASTM D575, ASTM D2000 standards.

### Observed Results

Sr.No.	Description	Observed Value
01.	Polymer Content	NR/SBR
02.	Specific Gravity	1.9 ± 0.10 gm/cc
03.	Hardness	70 ± 5 Shore A
04.	Thickness	3mm & 6mm ± 0.30
05.	Tensile	18.5 kg/cm <sup>2</sup>
06.	Elongation	150%
07.	Temperature Stability	Up to 70 <sup>o</sup> Celsius
08.	Compression Set	82%
09.	Surface Finish	One Side Fabric Finish
		One Side Smooth Finish

\*These tests are carried out under laboratory conditions in the manufacturing facility, and are true to the best of our knowledge\*

Yours Faithfully

Fenil Mehta  
Sound Tight  
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