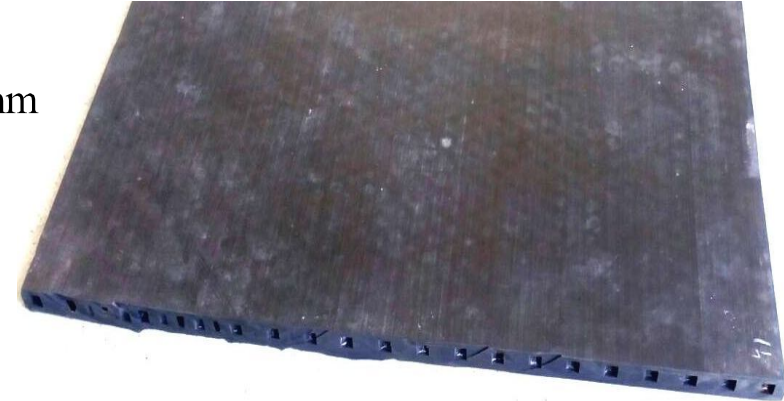


# Vibration Isolation Tile (VISH)

**VISH tile is an elastomeric sheet of three layers made of rubber, having a typical size 500 mm x 410 mm x 13mm thickness with the middle layer having cylindrical holes of 7.5 mm diameter arranged in square pitch. These are mainly used for under water sound isolation applications. The tile is a perfect reflector of underwater sound in the frequency range of sonar operation and finds use in various sonar domes, under water telephones etc, wherever the sound isolation is important.**

## SALIENT FEATURES

- Use : Sound Isolation
- Standard Size : 500mm x 410mm x 13mm
- Density of Rubber : 1.35 g/cc
- Hardness : 57±3 Shore A
- Tensile strength : >15 MPa
- Under water Insertion loss, dB, at 3-25 kHz : 18-30dB
- Under water echo reduction, dB, at 3 -20 kHz : 1-3dB



## AREAS OF APPLICATION

- Sound Isolation of SONAR compartments
- Underwater communication systems

## STATUS

Technology available for transfer