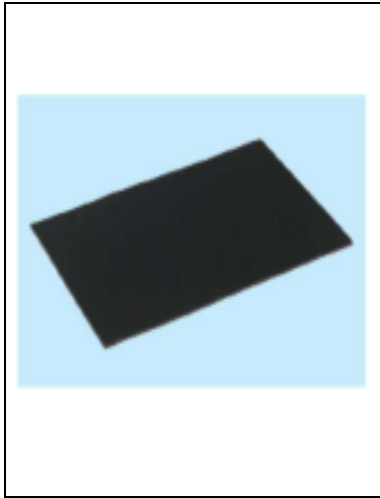


SORBOTHANE SHEET 4" X 6" (METRIC)



- Combines shock absorption, good memory, vibration isolation and vibration damping characteristics.
- Very effective acoustic damper and absorber.
- Stable material with long fatigue life.
- Low creep rate compared to other polymers.
- Superior damping coefficient over wide temperature range.
- Absorbs shock efficiently for millions of cycles.
- Eliminates need for metal springs to return system to its original equilibrium position after absorbing a shock.
- Custom sizes and colours available upon request.
- ROHS and REACH SVHC compliant.

Material Properties	Performance Data	Adh. Recommendations
What Is Sorbothane?	Imperial Measurements	Water Resistant Sorbothane

Part Number	Dimensions	Thickness Tolerance	Duro (Shore 00)	Engineering Drawing
0208040-40-10	100 x 150 x 1	± 0.18	40	PDF
0208040-50-10	100 x 150 x 1	± 0.18	50	PDF
0208040-60-10	100 x 150 x 1	± 0.18	60	PDF
0208040-70-10	100 x 150 x 1	± 0.18	70	PDF
0208060-40-10	100 x 150 x 1.5	± 0.18	40	PDF
0208060-50-10	100 x 150 x 1.5	± 0.18	50	PDF
0208060-60-10	100 x 150 x 1.5	± 0.18	60	PDF
0208060-70-10	100 x 150 x 1.5	± 0.18	70	PDF

Dimensions in mm

Notes

- **More is not better:** Large, lightly loaded sheet will have a high spring rate and will not deflect enough to provide good isolation. Over compression will lead to short product life. Correct compression range is 3-20%.
- **Geometry matters:** Small circular pieces and rings bulge better than squares and rectangles. "Bulgeability" makes for better isolation. Use many small discs rather than a few large rectangles for best performance.
- **Thickness matters:** Thicker the sheet, the lower the natural frequency. You need a sheet at least 1 inch thick to get your natural frequency down to 10Hz.
- **Do not bolt through Sorbothane:** The bolt will carry the vibration to the base. Use the natural tackiness of Sorbothane, or recommended adhesives to glue the Sorbothane to metal pieces on both sides, or consider a custom design with moulded-in stud mounts.

