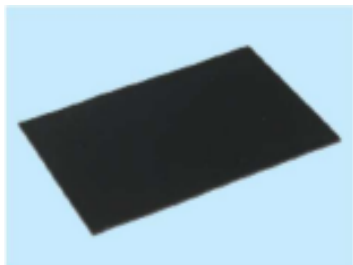


SORBOTHANE SHEET 6" X 6" (METRIC)



- 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.

AVAILABLE TO PURCHASE THROUGH DIGIKEY – [CLICK HERE](#)

Part Number	Dimensions	Thickness Tolerance	Duro (Shore 00)	Engineering Drawing
0206080-40-10	150x150x2	± 0.38	40	PDF
0206080-50-10	150x150x2	± 0.38	50	PDF
0206080-60-10	150x150x2	± 0.38	60	PDF
0206080-70-10	150x150x2	± 0.38	70	PDF
0266025-30-10	150x150x6.4	± 0.64	30	PDF
0266025-40-10	150x150x6.4	± 0.64	40	PDF
0266025-50-10	150x150x6.4	± 0.64	50	PDF
0266025-60-10	150x150x6.4	± 0.64	60	PDF
0266025-70-10	150x150x6.4	± 0.64	70	PDF
0266050-30-10	150x150x13	± 0.89	30	PDF
0266050-40-10	150x150x13	± 0.89	40	PDF
0266050-50-10	150x150x13	± 0.89	50	PDF
0266050-60-10	150x150x13	± 0.89	60	PDF
0266050-70-10	150x150x13	± 0.89	70	PDF
0266075-30-10	150x150x19	± 1.02	30	PDF
0266075-40-10	150x150x19	± 1.02	40	PDF
0266075-50-10	150x150x19	± 1.02	50	PDF
0266075-60-10	150x150x19	± 1.02	60	PDF
0266075-70-10	150x150x19	± 1.02	70	PDF
0266100-30-10	150x150x25	± 1.52	30	PDF
0266100-40-10	150x150x25	± 1.52	40	PDF
0266100-50-10	150x150x25	± 1.52	50	PDF
0266100-60-10	150x150x25	± 1.52	60	PDF
0266100-70-10	150x150x25	± 1.52	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.

Datasheet Links

- [MATERIAL PROPERTIES](#)
- [PERFORMANCE DATA](#)
- [ADHESIVE RECOMMENDATIONS](#)
- [WATER RESISTANT SORBOTHANE](#)
- [WHAT IS SORBOTHANE?](#)
- [IMPERIAL MEASUREMENTS](#)