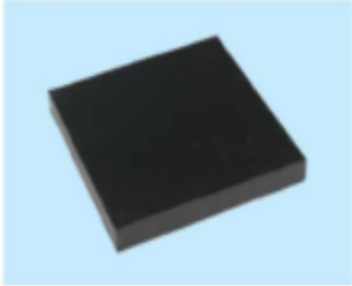


## SORBOTHANE SHEET 6" X 6" WITH PSA (METRIC)



- 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
0206081-40-10	150 x 150 x 2	± 0.38	40	<a href="#">PDF</a>
0206081-50-10	150 x 150 x 2	± 0.38	50	<a href="#">PDF</a>
0206081-60-10	150 x 150 x 2	± 0.38	60	<a href="#">PDF</a>
0206081-70-10	150 x 150 x 2	± 0.38	70	<a href="#">PDF</a>

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](#)
- [WATER RESISTANT SORBOTHANE](#)
- [WHAT IS SORBOTHANE?](#)
- [IMPERIAL MEASUREMENTS](#)