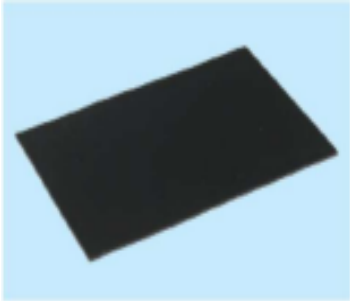


## SORBOTHANE SHEET 6" X 12" (METRIC)



- 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 complaint.

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

### Without adhesive

Part Number	Dimensions	Thickness Tolerance	Duro (Shore 00)	Engineering Drawing
0206110-40-10	150x300x2.5	± 0.51	40	<a href="#">PDF</a>
0206110-50-10	150x300x2.5	± 0.51	50	<a href="#">PDF</a>
0206110-60-10	150x300x2.5	± 0.51	60	<a href="#">PDF</a>
0206110-70-10	150x300x2.5	± 0.51	70	<a href="#">PDF</a>
0206112-40-10	150x300x3	±0.64	40	<a href="#">PDF</a>
0206112-50-10	150x300x3	±0.64	50	<a href="#">PDF</a>
0206112-60-10	150x300x3	±0.64	60	<a href="#">PDF</a>
0206112-70-10	150x300x3	±0.64	70	<a href="#">PDF</a>
0206119-30-10	150x300x5	±0.64	30	<a href="#">PDF</a>
0206119-40-10	150x300x5	±0.64	40	<a href="#">PDF</a>
0206119-50-10	150x300x5	±0.64	50	<a href="#">PDF</a>
0206119-60-10	150x300x5	±0.64	60	<a href="#">PDF</a>
0206119-70-10	150x300x5	±0.64	70	<a href="#">PDF</a>
0206126-30-10	150x300x6	±0.64	30	<a href="#">PDF</a>
0206126-40-10	150x300x6	±0.64	40	<a href="#">PDF</a>
0206126-50-10	150x300x6	±0.64	50	<a href="#">PDF</a>
0206126-60-10	150x300x6	±0.64	60	<a href="#">PDF</a>
0206126-70-10	150x300x6	±0.64	70	<a href="#">PDF</a>

### With Adhesive

Part Number	Dimensions	Thickness Tolerance	Duro (Shore 00)	Engineering Drawing
0206109-40-10	150x300x2.5	± 0.38	40	<a href="#">PDF</a>
0206109-50-10	150x300x2.5	± 0.38	50	<a href="#">PDF</a>
0206109-60-10	150x300x2.5	± 0.38	60	<a href="#">PDF</a>
0206109-70-10	150x300x2.5	± 0.38	70	<a href="#">PDF</a>
0206111-40-10	150x300x3	±0.51	40	<a href="#">PDF</a>
0206111-50-10	150x300x3	±0.51	50	<a href="#">PDF</a>
0206111-60-10	150x300x3	±0.51	60	<a href="#">PDF</a>
0206111-70-10	150x300x3	±0.51	70	<a href="#">PDF</a>
0206115-30-10	150x300x4	±0.51	30	<a href="#">PDF</a>
0206115-50-10	150x300x4	±0.51	50	<a href="#">PDF</a>
0206115-70-10	150x300x4	±0.51	70	<a href="#">PDF</a>
0206118-30-10	150x300x5	±0.51	30	<a href="#">PDF</a>
0206118-40-10	150x300x5	±0.51	40	<a href="#">PDF</a>
0206118-50-10	150x300x5	±0.51	50	<a href="#">PDF</a>
0206118-60-10	150x300x5	±0.51	60	<a href="#">PDF</a>
0206118-70-10	150x300x5	±0.51	70	<a href="#">PDF</a>
0206125-30-10	150x300x6	±0.64	30	<a href="#">PDF</a>
0206125-40-10	150x300x6	±0.64	40	<a href="#">PDF</a>
0206125-50-10	150x300x6	±0.64	50	<a href="#">PDF</a>
0206125-60-10	150x300x6	±0.64	60	<a href="#">PDF</a>
0206125-70-10	150x300x6	±0.64	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](#)
- [ADHESIVE RECOMMENDATIONS](#)
- [WATER RESISTANT SORBOTHANE](#)
- [WHAT IS SORBOTHANE?](#)
- [IMPERIAL MEASUREMENTS](#)