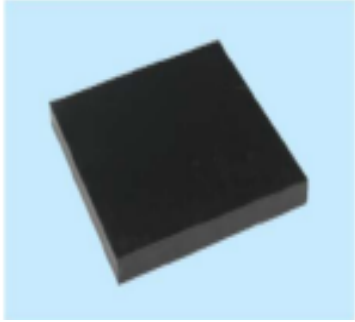


SORBOTHANE SHEET 24" X 24" (METRIC)



- 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.

Part Number	Dimensions	Thickness Tolerance	Duro (Shore 00)	Engineering Drawing
0224012-40-10	610 x 610 x 3.2	±0.64	40	PDF
0224012-50-10	610 x 610 x 3.2	±0.64	50	PDF
0224012-60-10	610 x 610 x 3.2	±0.64	60	PDF
0224012-70-10	610 x 610 x 3.2	±0.64	70	PDF
0224018-40-10	610 x 610 x 3.2	±0.76	40	PDF
0224018-50-10	610 x 610 x 3.2	±0.76	50	PDF
0224018-60-10	610 x 610 x 3.2	±0.76	60	PDF
0224018-70-10	610 x 610 x 3.2	±0.76	70	PDF
0224025-30-10	610 x 610 x 6.4	±1.02	30	PDF
0224025-40-10	610 x 610 x 6.4	±1.02	40	PDF
0224025-50-10	610 x 610 x 6.4	±1.02	50	PDF
0224025-60-10	610 x 610 x 6.4	±1.02	60	PDF
0224025-70-10	610 x 610 x 6.4	±1.02	70	PDF
0224037-30-10	610 x 610 x 9.5	±1.02	30	PDF
0224037-40-10	610 x 610 x 9.5	±1.02	40	PDF
0224037-50-10	610 x 610 x 9.5	±1.02	50	PDF
0224037-60-10	610 x 610 x 9.5	±1.02	60	PDF
0224037-70-10	610 x 610 x 9.5	±1.02	70	PDF
0224050-30-10	610 x 610 x 12.7	±1.14	30	PDF
0224050-40-10	610 x 610 x 12.7	±1.14	40	PDF
0224050-50-10	610 x 610 x 12.7	±1.14	50	PDF
0224050-60-10	610 x 610 x 12.7	±1.14	60	PDF
0224050-70-10	610 x 610 x 12.7	±1.14	70	PDF
0224062-30-10	610 x 610 x 15.9	±1.52	30	PDF

0224062-40-10	610 x 610 x 15.9	±1.52	40	PDF
0224062-50-10	610 x 610 x 15.9	±1.52	50	PDF
0224062-60-10	610 x 610 x 15.9	±1.52	60	PDF
0224062-70-10	610 x 610 x 15.9	±1.52	70	PDF
0224075-30-10	610 x 610 x 19.0	±1.52	30	PDF
0224075-40-10	610 x 610 x 19.0	±1.52	40	PDF
0224075-50-10	610 x 610 x 19.0	±1.52	50	PDF
0224075-60-10	610 x 610 x 19.0	±1.52	60	PDF
0224075-70-10	610 x 610 x 19.0	±1.52	70	PDF
0224100-30-10	610 x 610 x 25.4	±1.78	30	PDF
0224100-40-10	610 x 610 x 25.4	±1.78	40	PDF
0224100-50-10	610 x 610 x 25.4	±1.78	50	PDF
0224100-60-10	610 x 610 x 25.4	±1.78	60	PDF
0224100-70-10	610 x 610 x 25.4	±1.78	70	PDF
0224150-30-10	610 x 610 x 38.1	±1.91	30	PDF
0224150-40-10	610 x 610 x 38.1	±1.91	40	PDF
0224150-50-10	610 x 610 x 38.1	±1.91	50	PDF
0224150-60-10	610 x 610 x 38.1	±1.91	60	PDF
0224150-70-10	610 x 610 x 38.1	±1.91	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 production 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](#)