

SORBOTHANE X-TRA FLEX SHEET 12" x 14" (METRIC)



- Moulded with hemispherical bumps.
- More flexible compared to standard Sorbothane sheets.
- Hemispheres allow for soft deformation under load.
- Easier to apply to curved and irregular services.
- Provide softer spring rate compared to standard Sorbothane.
- ROHS and reach SVHC compliant

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

Part Number	Dimensions	Thickness Tolerance	Duro (Shore 00)	Engineering Drawing
0225304-40-10	120 x 120 x 5	± 0.51	40	PDF
0225304-50-10	120 x 120 x 5	± 0.51	50	PDF
0225304-60-10	120 x 120 x 5	± 0.51	60	PDF
0225304-70-10	120 x 120 x 5	± 0.51	70	PDF
0225532-40-10	300 x 355.6 x 5	± 0.64	40	PDF
0225532-50-10	300 x 355.6 x 5	± 0.64	50	PDF
0225532-60-10	300 x 355.6 x 5	± 0.64	60	PDF
0225532-70-10	300 x 355.6 x 5	± 0.64	70	PDF

Dimensions and tolerances are 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](#)