

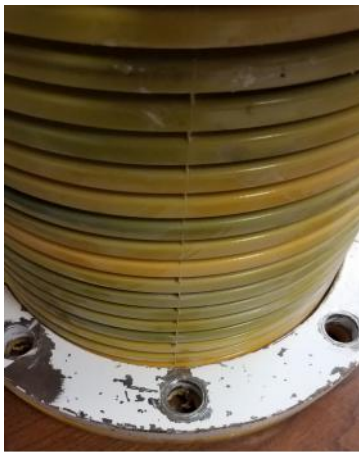


# Application Data Sheet

## Engineered Rubber Vibration Dampener Solves The Problem

---

### Application:



A Vibration dampening expansion joint installed within a mineral processing facility.

### Problem:

After a recent equipment upgrade, A mineral processing facility was experiencing unusual noise and vibration. A low hum could be heard, and the process piping was vibrating during operation. The plant reached out to a local Holz Partner Distributor for guidance on how to eliminate the vibration

### Solution:

During an onsite inspection by a Holz Rubber Representative, we determined the installed “standard” Silicon vibration dampener was too significant for the breach opening. The joint was installed pre-compressed, which did not allow it to absorb vibration as intended allowing the noise and vibration to occur. Our Engineering team recommended a hand-built VD1000 engineered and built to the exact size of the system breach opening to absorb the vibration dampening during operation. After installation, the system in question has been operating with no noise or adverse forces transferring to adjoining process equipment.

