

T. R. FINN & COMPANY INC.

Industrial Division

200 Central Avenue

Hawthorne, New Jersey

Specialists in Shock and Vibration Control

**RUBBER-IN-SHEAR VIBRATION MOUNTINGS**

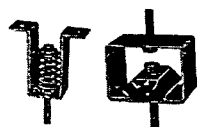
Widely used for isolating vibration, shock and noise on air conditioning and similar machinery. Rated load from 40 to 4000 lbs. Complete, ready-to-use. *Catalog RS-55.*

**"FLOATING PILLOW" VIBRATION MOUNTING**

Heavy duty, high-deflection rubber-in-shear mountings for efficient isolation of vibration, shock and noise of medium and heavy weight air conditioning equipment. Load range from 500 to 2500 lbs. *Catalog FP-55.*

**FLOATING RAIL****VIBRATION MOUNTINGS**

Rubber-in-Shear bases for use under pumps, compressors and fan-motor sets. A complete, ready-to-use mounting supplied to specification. *Catalog FR-55.*

**VIBRATION HANGERS**

Two types, Rubber-in-Shear (35-1500 lbs.) and Steel Spring (50-1000 lbs), prevent transmission of noise from suspended equipment and piping systems. *Catalog VH-55.*

**SOUNDZORBER**

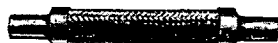
Wire-reinforced, fabric-wrapped rubber pipe for reduction of water line noise and vibration. Sizes from 1/2 to 12 in. ID with IPT male fittings or with integral full-faced rubber flanges backed up with Series 15 or 30 steel flanges. *Catalog SZ-55.*

**ISOLANT**

The unusually high structural strength and resiliency of this special material provides excellent isolation of vibration, shock and noise. For use under massive air conditioning equipment and heavy machinery. Load range up to 6000 lbs per sq ft. *Catalog IS-55.*

**STEEL SPRING VIBRATION MOUNTINGS**

For superior vibration, shock and noise isolation of difficult-to-isolate low speed machinery, heavy air conditioning equipment, and for protection of delicate instruments. Load range from 100 to 6500 lbs. *Catalog SS-55.*

**FLEXZORBER**

Seamless flexible bronze tubing covered with woven wire braiding and with standard copper tube female "slip fittings" welded on both ends. Used to minimize noise and vibration in rigid piping conveying "Freon" in air conditioning and refrigeration units. Slip fittings sizes from 1/2 to 8 in. ID *Catalog FZ-55.*

**EXPANDZORBER**

Stainless steel, welded diaphragm type packless expansion joints used for control of vibration, expansion, and contraction in steam, chemical, oil and gas lines. Working pressure from vacuum to 1000 psi at -300 to +1800 F. Sizes from 1/2 to 72 in. with steel flanges or welded fittings. *Catalog EZ-55.*

ENGINEERING COUNSEL

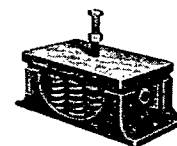
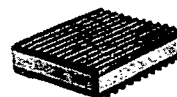
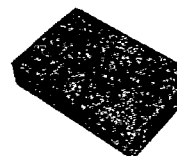
Our engineering staff is always at your service to solve your individual problem. We shall be pleased to submit to you our analysis and recommendation for an efficient and economical solution to your vibration problems.

**The Korfund Company, Inc.**

48-01R 32nd Place, Long Island City 1, New York

Representatives in Principal Cities. See "KORFUND" in local phone directory or in "Thomas Register."
Specialists in Vibration & Noise Control for Over Half a Century.

For a discussion of Vibration control theory and chart for determining deflections required, see "Controlling Vibration From Machine Mountings" at end of Chapter 40. If in doubt about product selection, submit data on make, type, rpm and model number of equipment and type of floor for specific recommendations, without obligation.

**Series L Isolator****Vibro-Hanger****Elasto-Rib Pad****Vibracork****New! Motor Base with Built-in Slide Rails****Duplex Bases**

STEEL SPRING VIBRO ISOLATORS provide greater deflections with isolation efficiencies approaching 100 percent. Though more expensive than rubber or cork, they are satisfaction guaranteed and provide maximum overall economy because: they eliminate bolting, speed equipment installation, usually eliminate special foundations, permit trouble-free upper floor installations, and will usually outlast the machine.

THE SERIES L VIBRO ISOLATORS contain from one to twelve steel springs of proper stiffness depending upon the loading and deflection desired. Loading: 75 to 23,000 lb. Maximum deflection 2 in. (special designs available for higher loads or larger deflections). Isolators are usually installed directly under machines (occasionally under steel bases or foundations supporting equipment). They have adjustable snubbers to control movement and built-in leveling bolts, a Korfund feature for over 30 years.

SERIES V VIBRO HANGERS: load range 20 lb to 3,800 lb. Maximum normal deflection 1 in. (larger deflections on request). For suspended equipment installations, also as vibration-absorbing pipe hanger.

RUBBER AND CORK provide good sound insulation. However, rubber is not very effective as a vibration absorber for disturbances below 1200 cpm, is fair from 1200-1800, and good above 1800. Cork is effective only above 1800 cpm.

SERIES R RUBBER-IN-SHEAR HANGERS: Similar to spring hanger illustrated but incorporating rubber mountings of varying stiffnesses for loads from 10-1,000 lb.

ELASTO-RIB has a core of high-grade cork plate, permanently bonded between two layers of deep-grooved, Neoprene rubber. Just set the machine on Elasto-Rib—no fastening to floor is normally required but can be cemented or bolted if desired. Excellent sound insulation characteristics. Loading up to 60 lb per square inch. Also furnished as Elasto-Rib Dampers with load distributing top plate and built-in leveling bolt.

ARMSTRONG'S VIBRACORK & KORFUND LIGHT DENSITY MACHINERY CORK are strong, durable machinery isolation plates made of pure cork granules compressed and baked under pressure with accurately controlled density. Furnished in three densities for loads from 400-8,500 lb per square foot. 1 in., 2 in., 3 in., thicknesses. Plates 12 in. x 36 in.

DUPLEX TWIN RAIL FAN & MOTOR BASES: Rugged construction and built-in chocks to maintain alignment. Rubber or cork isolation. Advantages of separate fan and motor bases: no motor noise transmitted through ducts—complete adjustability permits job-site changes in motor position, belt length, rotation, equipment bolt location—quicker delivery of drawings and bases—easier handling—lower transportation costs. Integral type bases also available.

FOR ADDITIONAL DATA, SEE SWEET'S FILES OR WRITE FOR CATALOG