

VIBRATION DAMPENING QUALITIES OF ENGINEERED FELT

For thousands of years, man has used felted fiber to absorb shock and vibration. UNISORB has chosen felt pads for use under the feet of many types of machines because of its ability to effectively isolate against transmitted shock and vibration, and because of its predictability. UNISORB RED-LINE PADS are also highly resistant or impervious to most industrial chemicals, oils and moisture. Life expectancy, in most cases, will exceed that of the machinery with which they are installed.

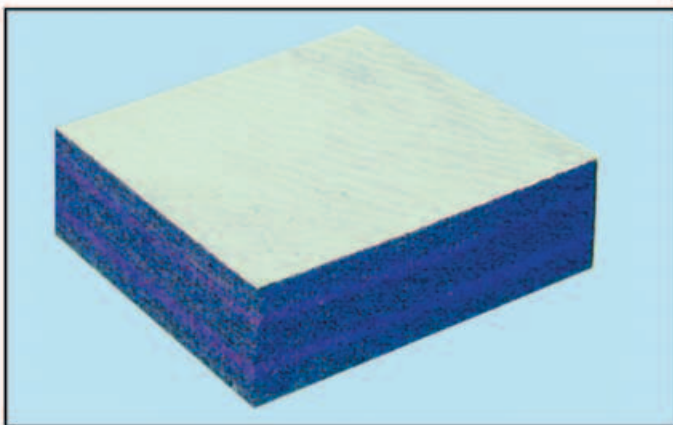
UNISORB RED-LINE PADS SATISFY OSHA REQUIREMENTS

UNISORB RED-LINE PADS and anchor bolts satisfy OSHA requirements for machinery installation. Proper use of these products will:

- Improve the efficiency of production equipment
- Provide safer, more desirable environment for workers
- Reduce down time and extend the operating life of machinery
- Prevent floor damage

Harmful effects of vibration and noise may cause serious impairment to the efficiency of your workers and the overall effectiveness of your production machinery.

RED-LINE ANCHOR PADS



**BONDED PAD
ILLUSTRATED**

Reduced vibration contributes to more efficient operation and longer life of costly machinery. UNISORB'S job-engineered RED-LINE ANCHOR PADS substantially reduce vibration transmission and keep light and medium-duty machines from "creeping" or "walking" without the use of anchor bolts and will materially reduce transmitted noise. Installations are fast, easy and inexpensive.

HOW TO SPECIFY UNISORB VIBRATION ISOLATION PADS

UNISORB RED-LINE and RED-LINE ANCHOR PADS Type H, HB, E, EB, D and DB have long been the standard for achieving superior results in the toughest shock/vibration applications. These pads are 100% wool fiber and are suitable for normal industrial environments being unaffected by exposure to oils, cutting fluids and coolants.

UNISORB RED-LINE and RED-LINE ANCHOR PADS Type S, SB, F and FB are manufactured from 100% man-made fibers offering excellent performance at a lower cost. Types S, SB, F and FB pads are recommended for use in wet or "exposed to weather" applications or where strong concentrations of acids or bases will be encountered.

Both families of pad materials may be expected to outlive the machinery on which they are installed.

Use either of the following formulas to determine the proper pad material from the chart below:

$$\frac{\text{Weight (lbs. per mach. foot)}}{\text{Foot length (in.) X Width (in.)}} = \text{Pounds per square inch (psi)}$$

$$\frac{\text{Weight (kg per mach. foot)}}{\text{Foot length (cm) X Width (cm)}} = \frac{\text{kilograms per square centimeter}}{(\text{kg/cm}^2)}$$

PAD TYPE SELECTION				
Load Range	0-50 psi (0-3.5 kg/cm ²)	50-100 psi (3.5-7.0 kg/cm ²)	100-250 psi (7.0-17.5 kg/cm ²)	Over 250 psi (Over 17.5 kg/cm ²)
Extra Light	Neoprene H-1/4 (6.4mm) S-1/2 (12.7mm)	Neoprene E-1/2 (12.7mm) S-1/2 (12.7mm)	D-1/2 (12.7mm) F-1/2 (12.7mm)	Titan-1/2 (12.7mm)
Normal	H-1/2 (12.7mm) S-1/2 (12.7mm)	E-1/2 (12.7mm) F-1/2 (12.7mm)	D-1/2 (12.7mm) F-1/2 (12.7mm)	Titan-1/2 (12.7mm)
Walking Normal	HB-1/2 (12.7mm) SB-1/2 (12.7mm)	EB-1/2 (12.7mm) FB-1/2 (12.7mm)	DB-1/2 (12.7mm) FB-1/2 (12.7mm)	Titan-1/2 (12.7mm)
Normal Heavy Impact	E-1 (25.4mm) S-1 (25.4mm)	E-1 (25.4mm) F-1 (25.4mm)	D-1 (25.4mm) F-1 (25.4mm)	Titan-1 (25.4mm)
Walking Heavy Impact	EB-1 (25.4mm) SB-1 (25.4mm)	EB-1 (25.4mm) FB-1 (25.4mm)	DB-1 (25.4mm) FB-1 (25.4mm)	Titan-1 (25.4mm)
Severe Horizontal	S-1/2 (12.7mm) H-1/2 (12.7mm) + Adhesive	F-1/2 (12.7mm) E-1/2 (12.7mm) + Adhesive	F-1/2 (12.7mm) D-1/2 (12.7mm) + Adhesive	Titan-1/2 (12.7mm) + Adhesive