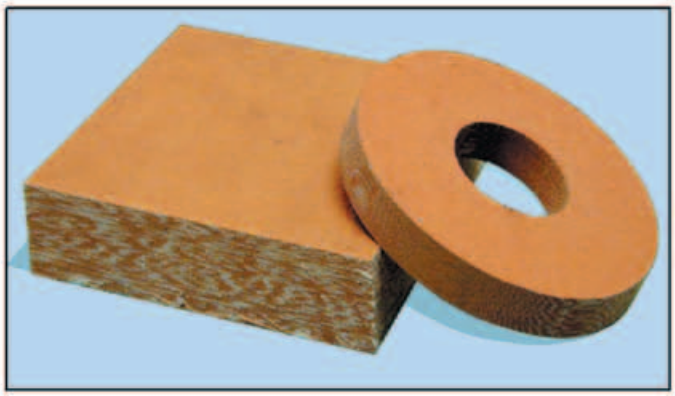
TITAN SHOCK PADS FOR EXTREME LOADINGS AND HEAVIEST IMPACTS



MANUFACTURED TO MILITARY SPECIFICATION MIL-C-882 E

TYPICAL APPLICATIONS

- Ball mills
- Compressors
- Forging hammers
- Heavy presses
- Impact generating machine shop equipment
- Presses
- Pumps
- Structural bearings
- Central air conditioning
- Foundry equipment (jolters, shakeouts, etc.)
- Generators
- Hydraulic hammers
- Motors
- Printing presses
- Refrigeration equipment
- Textile machinery

TITAN SHOCK PAD SPECIFICATIONS	
CONSTRUCTION:	Laminated plies of oil resistant neoprene-frictioned fabric. All plies laid straight with a continous ply of frictioned duck on each cover side. 64 plies of frictioned duck per one inch (25.4mm) thickness.
MAXIMUM SIZE:	Mill run sheet sizes 1/8" (3.2mm) through 11/32" (8.7mm) thick: 48" (1219mm) wide: 1/2" (12.7mm) thick and over: 48" (1219mm) X 14.5' (4420mm).
THICKNESS TOLERANCE:	Plus or minus 5%
TENSILE STRENGTH:	4000 psi (279.9 kg/cm^2) minimum
HEAT RESISTANCE:	No visible change after 72 hours at 160° F. (71° C.)
COMPRESSION STRENGTH:	Up to 1800 psi (126.0 kg/cm^2) perpendicular to the plane of the laminations.
DENSITY:	0.0487 lbs. per in.^{3} (0.0014 kg per cm^3)
DUROMETER:	Shore A 90 plus or minus 5

Impact shock and vibration can do costly damage to machines, mounting devices and floors, and noise may reduce efficiency of operating personnel. TITAN SHOCK PADS offer an easy, economical way to solve these problems.

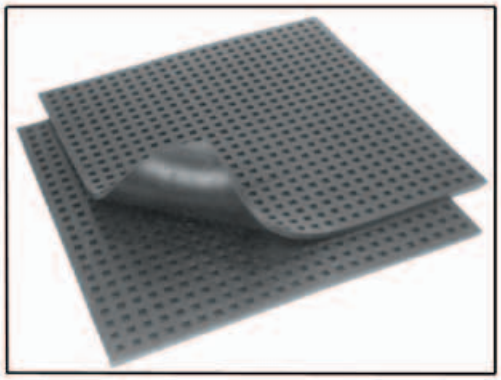
Made of a tough textile base laminated with a specially formulated oil resistant neoprene compound, these multi-ply pads provide protection and vibration isolation needed for machines and equipment, ranging in size from presses to forging hammers. TITAN SHOCK PADS protect floors and machine mountings against damaging impact shock while absorbing vibration and dampening structure-borne noise.

TYPICAL DEFLECTION

Load	7 Ply 1/8" (3.2mm) Thick	14 Ply 15/64" (6.0mm) Thick	21 Ply 11/32" (8.7mm) Thick	31 Ply 1/2" (12.7mm) Thick	39 Ply 5/8" (15.9mm) Thick	48 Ply 3/4" (19.1mm) Thick	64 Ply 1" (24.7mm) Thick
50 psi (3.5 kg/cm^2)	.001 in. (.025mm)	.003 in. (.076mm)	.005 in. (.127mm)	.006 in. (.152mm)	.008 in. (.203mm)	.010 in. (.254mm)	.012 in. (.305mm)
100 psi (7.0 kg/cm^2)	.002 in. (.051mm)	.005 in. (.127mm)	.007 in. (.178mm)	.010 in. (.254mm)	.013 in. (.330mm)	.015 in. (.381mm)	.021 in. (.533mm)
200 psi (14.0 kg/cm^2)	.003 in. (.076mm)	.008 in. (.203mm)	.012 in. (.305mm)	.017 in. (.432mm)	.021 in. (.533mm)	.025 in. (.635mm)	.034 in. (.864mm)
500 psi (35.0 kg/cm^2)	.004 in. (.102mm)	.014 in. (.356mm)	.021 in. (.533mm)	.031 in. (.787mm)	.038 in. (.965mm)	.046 in. (1.168mm)	.061 in. (1.549mm)
1000 psi (70.0 kg/cm^2)	.006 in. (.152mm)	.022 in. (.559mm)	.032 in. (.813mm)	.047 in. (1.194mm)	.058 in. (1.473mm)	.070 in. (1.778mm)	.093 in. (2.362mm)
2000 psi (140.0 kg/cm^2)	.008 in. (.203mm)	.033 in. (.838mm)	.048 in. (1.219mm)	.070 in. (1.778mm)	.088 in. (2.235mm)	.105 in. (2.667mm)	.140 in. (3.556mm)

Thicknesses other than standard are available.

NEOPRENE PADS FOR MACHINES WITH FLOOR LOADING 5 TO 125 PSI (2.4 TO 60.6 kg/cm^2)



The smooth edge design of the low cost oil-resistant UNISORB NEOPRENE PAD prevents oil, grease, and dirt from accumulating beneath the load-bearing surface of the pad. Available in 18" X 18" X 5/16" (457.2mm X 457.2mm X 7.9mm). Stiffness is 60 durometer.