

# Easyflex<sup>TM</sup> Waffle Pad



Standard size 18" x 18" x 3/4" (450 x 450 x 19mm) consists of 81 - 2" (50mm) modules. The 2" (50mm) squares are separated by a thin web that is easily cut to provide evenly dimensioned pads such as 2" x 2" (50 x 50mm), 2" x 4" (50 x 100mm), 4" x 4" (100 x 100mm), 6" x 8" (150 x 200 mm), etc. EFWP is one of the thickest, most versatile and efficient pads in the market.



## Models

- **Natural Rubber** for maximum resilience and vibration isolation. Contains anti-oxidants and anti-ozonants to improve aging.
- **Standard Neoprene** for longer life and moderate oil resistance.

Pads can be used to reduce noise, high frequency vibration and impact from typical machines as follows:

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| <ul style="list-style-type: none"> <li>■ Chillers</li> <li>■ HVAC Units</li> <li>■ Pumps</li> <li>■ Transformers</li> <li>■ Punch Presses</li> <li>■ Saws</li> <li>■ Drill Presses</li> </ul> | <ul style="list-style-type: none"> <li>■ Compressors</li> <li>■ Vent Sets</li> <li>■ Motor Generators</li> <li>■ Diesel Generators</li> <li>■ Lathes</li> <li>■ Power Presses</li> </ul> |
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## Load Rating Per Square

Durometer	15% Deflection	
	Load per 2" x 2" Square (lbs.)	Load per 50 x 50mm Square (kgs.)
30	80	35
40	120	53
Standard 50	180	80
60	240	105
70	360	158

## CALCULATION

EFWP Pads should be used in full squares. Select the minimum number of squares required and design pad to the most convenient square or rectangle. The use of additional squares results in more conservative loading.

### British Units Example-

Load is 980 lbs. 50 Duro capacity is 180 lbs.  
 $980/180 = 5.44$  squares (Use 6 square modules).  
 Pad may be 2 modules x 3 modules (4" x 6") or  
 1 module x 6 modules (2" x 12")

### Metric Units Example-

Load is 5000 kgs. 50 Duro capacity is 80 kgs.  $5000/80 = 62.5$  squares (minimum).  
 Pad may be 8 modules x 8 modules (400 x 400mm) or  
 7 modules x 10 modules (350 x 500mm) or  
 6 modules x 11 modules (300 x 550mm) etc.

- Due to policy of continual improvement, the specifications are subject to change without prior notice.
- Measurements are subject to 5% tolerance.
- To achieve good sound suppression do not over load fitting.