

MECHANICAL EQUIPMENT

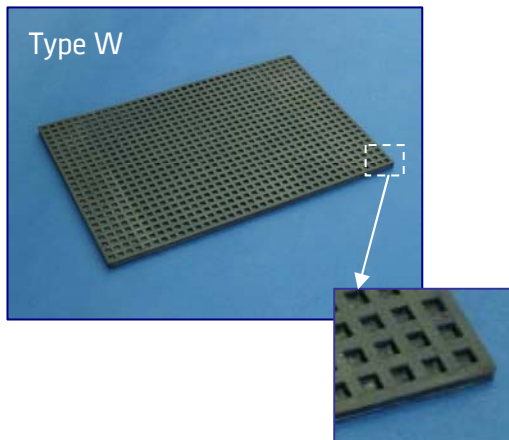
# Products

## Air Conditioning & HVAC

Rubber Pads

Type W and NK

# Type W and NK Rubber Pads



Rubber pads are convenient for reducing vibration and noise in non-critical areas, usually ground floors and basements in applications that do not require the extra efficiency of rubber or spring mounts. They are inexpensive and useful for providing a friction grip that eliminates the need for bolting equipment down.

In the early days of vibration control cork pads were the most popular material. Cork has now been largely displaced by rubber which is more durable and versatile and is available with alternative hardness.

The Type W and NK Rubber Pads were originally designed by Mason Industries, Inc in the USA in the 1950's and improved over the years and now also manufactured locally by ACTOM Mechanical Equipment.

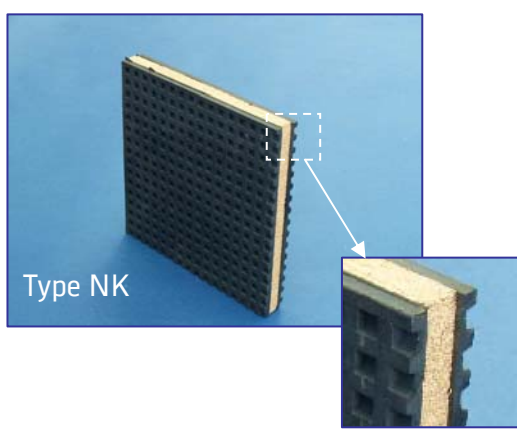


In general we recommend natural rubber for anti vibration pads, because it has better dynamic properties than any synthetic rubber. The grades of natural rubber that we use are compound with additives to enhance resistance to oxidation, ozone and sunlight.

Of course rubber pads cannot be just flat sheets of rubber. They must have a pattern that leaves spaces into which the resilient elastomer can flow or distort. This is the Waffle design. This design confines dirt or contaminations to the perimeter, does not collapse when overloaded and provides more friction grip. The waffle squares are at 12.5 mm centres which makes it easy to cut off any required size without measuring.

*Type W Waffle Pad* is 12 mm thick and is available in sheets of 300 mm x 450 mm, or can be supplied cut to any smaller size. It is stocked in 40 and 60 shore hardness natural rubber. Other hardnesses and other elastomers can be quoted. In 40 hardness the load capacity is 3 to 5 kg/cm<sup>2</sup>, in 60 hardness 6 to 10 kg/cm<sup>2</sup>. Select the softer material for vibration efficiency, the harder material for economy.

*Type WMW Pads* are made by bonding Waffle Pads to steel plates. The *Type WMW* sandwiches a steel plate between two Waffle Pads when bolting down is not required. *Type WM* is used when the equipment must be bolted down. Any hole size can be specified.



*Type NK Pads* comprises a 12 mm thick cork layer sandwiched between two rubber pads. While not efficient for reducing vibration they have a useful acoustical performance.

NK Pads, 25 mm thick, are available cut to any size up to a maximum of 300 mm x 450 mm. They are rated for loading at 3.5 kg/cm<sup>2</sup>.

# Type W and NK Rubber Pads

## Load Capacities Type W

Size [ mm ]	Max Load [ kg ]	
	40 Hardness	60 Hardness
50 x 50	125	250
100 x 100	500	1000
150 x 150	1100	2200
200 x 200	2000	4000

12 mm thick  
 300 mm x 450 mm sheets  
 Cut up to any size  
 40 hardness rated at 3 to 5 kg/cm<sup>2</sup>  
 60 hardness rated at 6 to 10 kg/cm<sup>2</sup>

## Load Capacities Type NK

Size [ mm ]	Load [ kg ]
75 x 75	200
100 x 100	350
150 x 150	800

25 mm thick cork  
 300 mm x 450 mm sheets  
 Cut up to any size  
 Rated at 3.5 kg/cm<sup>2</sup>