

Super Wafer Pads

- SWP - 30
- SWP - 40
- SWP - 50
- SWP - 60
- SWP - 70

Introducing....

SWP is Tomahawk's new design of excellent performance rubber TM pad. It consists of four (4) 50 mm square modules, interlinked by a thin web, forming a standard size of 100 mm x 100 mm x 20 mm thick SWP pad. Though SWP in standard use will be of four modules non-separation as a whole, each of its individual module is applicable by cutting the thin web, offering two (2) basic combinations of module sizes as 50 x 50 mm & 50 x 100 mm where and when necessary.

Material

* (1) SWP pads are molded in:

- Natural Rubber
- Neoprene (Standard)
- Bridge-bearing neoprene
- Polyurethane (PU)



Fig 1.
Single SWP module,
50mm x 50 mm x 20 mm



Typical applications:

- Machine lathes
- Drilling machines
- Punch presses
- HVAC equipment
- Pumps
- Transformers
- Compressors
- Generator sets
- Chillers
- Vent & Utility sets

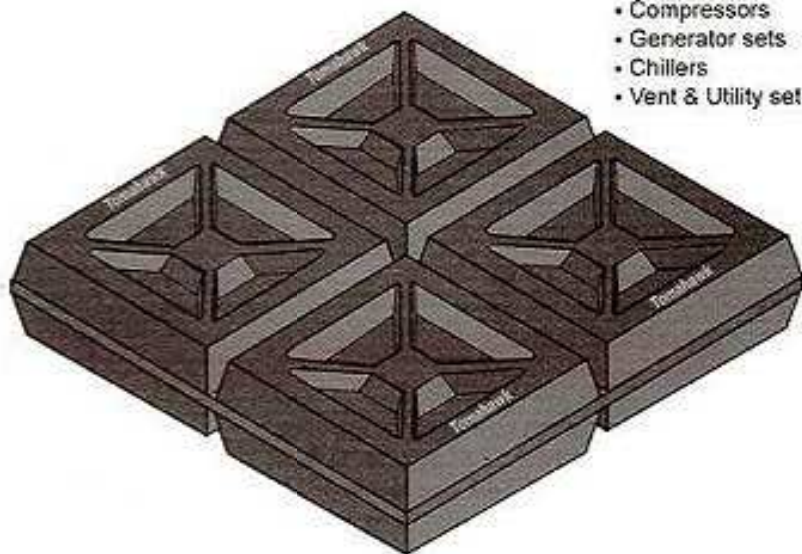
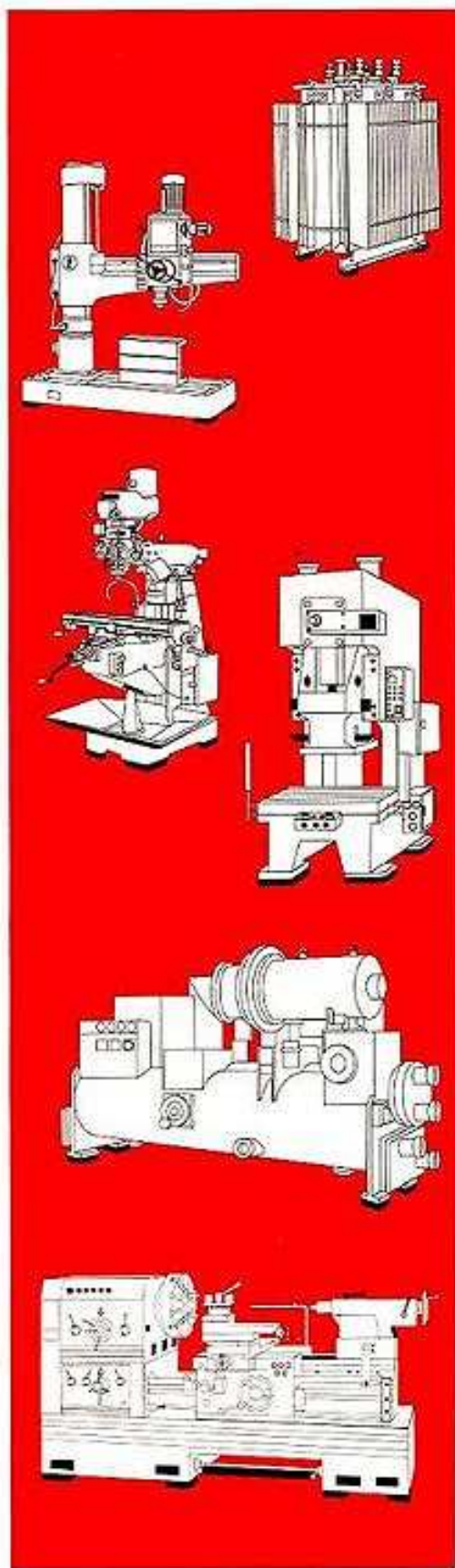


Fig 2.
Standard SWP non-separation modules
100 mm x 100 mm x 20 mm



SUPER WAFER PADS

Load-Deflection Characteristics

1) Single (1) module 50 x 50 x 20 (mm)

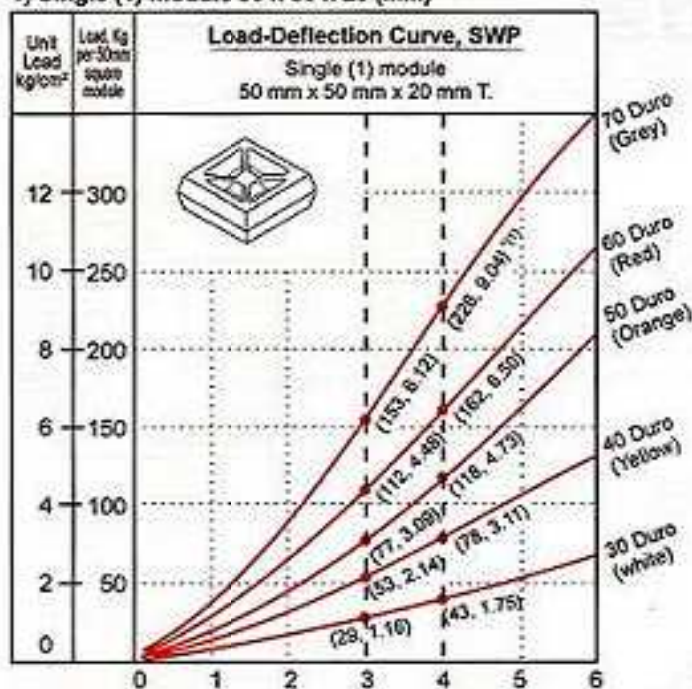


Table 1
SWP Unit Load & Load Ratings.

Duro-meter	15% Deflection	
	Unit Load (kg/cm ²)	Unit (kg)
30	1.15	29
40	2.14	53
Standard 50	3.09	77
60	4.48	112
70	6.12	153

Deflection, mm

Note:
*(1) Coordinate figure on left is "Load", Kg. On right is "Unit Load", Kg/cm²

2) Two (2) modules 50 x 100 x 20 (mm)

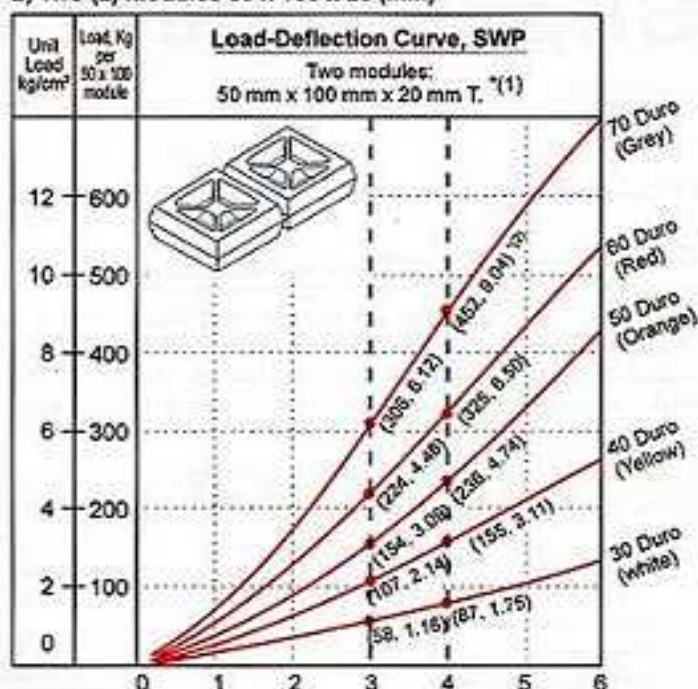


Table 2
SWP Unit Load & Load Ratings.

Duro-meter	15% Deflection	
	Unit Load (kg/cm ²)	Unit (kg)
30	1.15	58
40	2.14	107
Standard 50	3.09	154
60	4.48	224
70	6.12	306

Deflection, mm

Note:
*(1) Actual overall dimension is 50 mm x 103 mm x 20 mm T, including 3 mm web-length between two adjacent modules.
*(2) Coordinate figure on left is "Load", Kg. On right is "Unit Load", Kg/cm²

3) Standard Application: Non-separation, Four (4) modules 100 x 100 x 20 (mm)

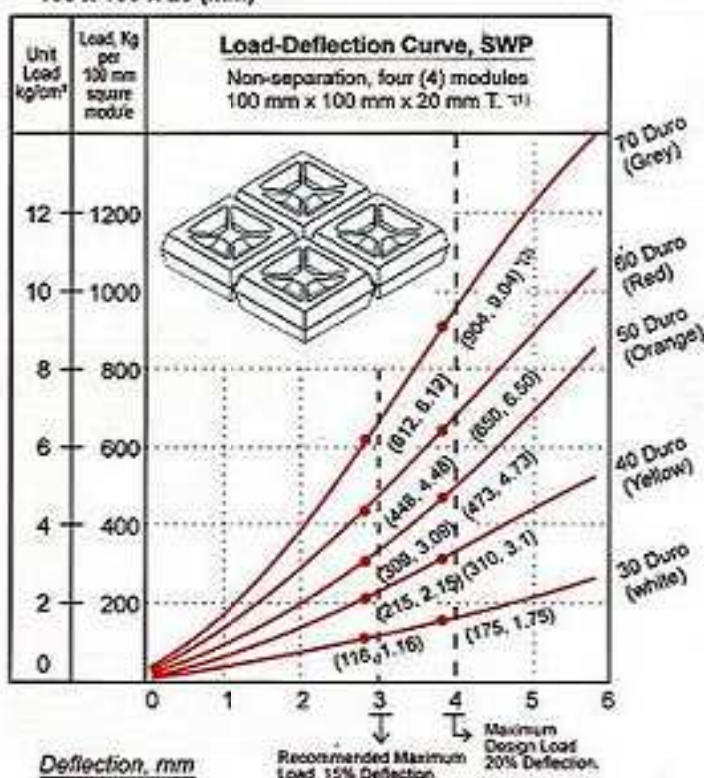


Table 3
SWP Unit Load & Load Ratings.

Duro-meter	15% Deflection	
	Unit Load (kg/cm ²)	Unit (kg)
30	1.16	116
40	2.15	215
Standard 50	3.09	309
60	4.48	448
70	6.12	612

Note:
*(1) Actual overall dimension is 103 mm x 103 mm x 20 mm T, including 3 mm web-length between two adjacent modules.
*(2) Coordinate figure on left is "Load", Kg. On right is "Unit Load", Kg/cm²

Stacking For More Deflection

SWP pads can be stacked to increase deflection (with 1.6 mm or thicker shims) while under the same load. (Example: If 3 layers of pads are stacked thus offering 3 times the deflection of a single layer under the same load).

