



TICO



Tiflex



TICO S is a high performance machinery mounting material. It matches today's fast changing manufacturing environment, where ease of machine mounting and flexibility of plant layout are prime factors.

TICO S is manufactured from a blend of carefully selected cork particles and polychloroprene/acrylonitrile elastomers.

TICO S will withstand very high dynamic and static loads without physical breakdown. In machinery mounting applications, however, the recommended maximum static load should not be exceeded without consultation.

Dimensional stability:
TICO S material is stable under widely varying atmospheric conditions, and is suitable for use outdoors.

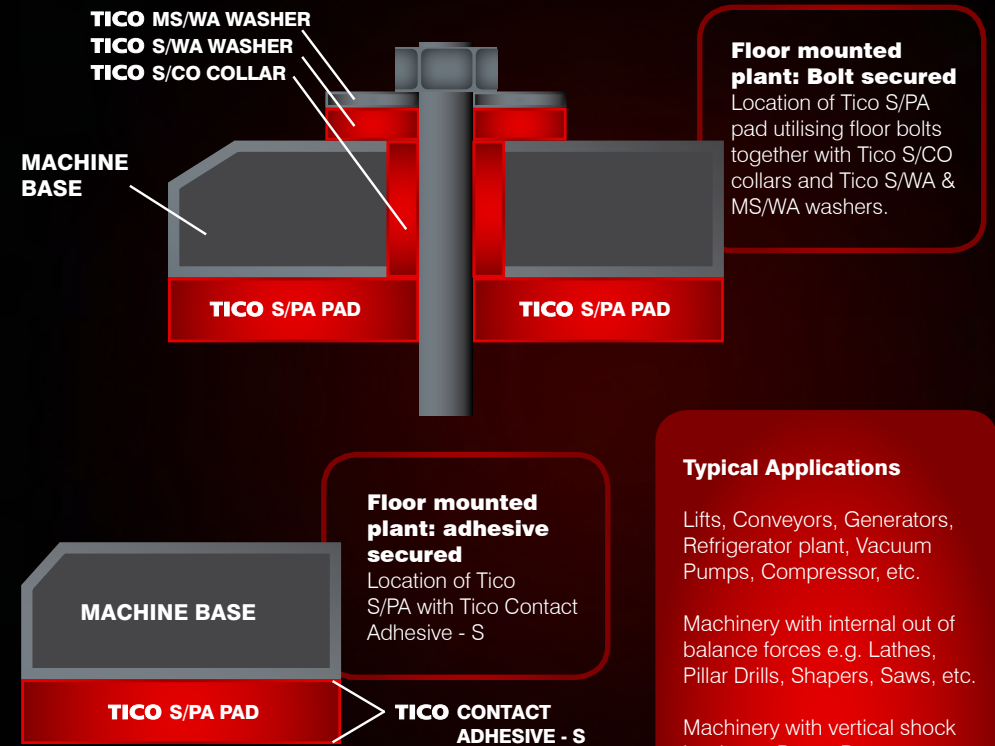
Typical Applications include:
Lifts, Conveyers, Generators, Refrigerator Plant, Vacuum Pumps, Compressors, Lathes, Pillar Drills, Saws, Power Presses, Guillotines, Crushers, Slotting Machines and Shapers.

Key features of the TICO S/PA include:

- Rapid Installation.
- When used in conjunction with Tico Adhesive, virtually eliminates use of anchor bolts and associated floor damage, providing major savings.
- Enables flexibility of machinery layout.
- Helps reduce vibration.
- Retains properties throughout long maintainance free life.
- Operation temperate between -40° C and +100° F (-40° C and 212° F)
- Can reduce transmitted noise.
- Wide range of standard sheet sizes and thicknesses.
- Maximum static stress 0.35MN/m² (35,000Kg/m²)
- Compatible with all types of machine base.
- Can be supplied cut to size.

Code	Product	Standard Thickness mm (inches)	Standard Size mm (inches)
Tico S	Cork / Elastomer	6 (1/4") 12.5 (1/2") 25 (1")	1200 (4') x 50 (2") 1200 (4') x 75 (3") 1200 (4') x 100 (4") 1200 (4') x 150 (6") 1200 (4') x 600 (2") 1200 (4') x 1200 (4")
Tico Contact Adhesive - S	General Purpose Adhesive	Area Coverage 4m ² /litre	1 litre (0.264 US Gal) 5 litre tins (1.32 US Gal)
Tico S/SH	Levelling and Shimming	0.75mm, 1.5mm, 3mm	1200 (4') x 900 (3') Other widths as required

Note: TICO S Shimming can be used to assist in plant levelling where required



Typical Applications

Lifts, Conveyors, Generators, Refrigerator plant, Vacuum Pumps, Compressor, etc.

Machinery with internal out of balance forces e.g. Lathes, Pillar Drills, Shapers, Saws, etc.

Machinery with vertical shock load, e.g. Power Presses, Slotting Machines, Guillotines, Crushers, etc.

Technical Data

Load Bearing Capacity recommended maximum load	0.5 MN/m ²	TICO S will withstand very high dynamic and static loads without physical breakdown. In machinery mounting applications, however, the recommended maximum static load should not be exceeded without consultation
Tensile Strength	2.1 MN/m ² minimum	Tested in accordance with BS 903
Elongation at Break	50 to 80%	
Hardness	69 ± 5°	International Rubber Hardness Degrees
Thermal Conductivity	0.101 0.7	W/m °C Btu x in/ft ² x h x °F
Coefficient of Friction	0.65 0.5	TICO to concrete TICO to bright mild steel
Temperature Range	40°C to + 100°C	TICO S will operate satisfactorily over the indicated range and is suitable for both arctic and tropical climates.

Supporting Products

TICO S/CO	Elastomer Collar	3mm (1/8") wall (50mm long)	M10 M12 M14 M16 M18 M20 M24 M26
TICO S/WA	Cork/Elastomer Washer	6mm (1/4") (O.D 3 x nominal bolt size)	M10 M12 M14 M16 M18 M20 M24 M26
TICO MS/WA	Special Load-spreading Washer (sized to match S/WA)	8mm (1/8")	M10 M12 M14 M16 M18 M20 M24 M26



For further information on these products, or advice regarding your application, please contact our Technical Department.

Tiflex is a ISO Certified company



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