



Tiflex



TICO Anti-Vibration Material

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:

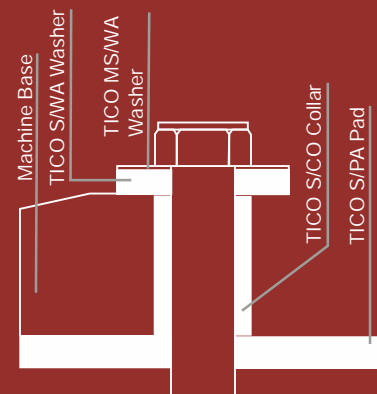
TICO S material is stable under widely varying atmospheric conditions, and is suitable for use outdoors.

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

Features & Benefits

- 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 maintenance free life.
- Operational temperature between -40°C and $+100^{\circ}\text{C}$ (-40°F and $+212^{\circ}\text{F}$).
- Can reduce transmitted noise.
- Wide range of standard sheet sizes and thicknesses available.
- Maximum static stress 0.5 MN/m^2 ($50,000 \text{ Kg/m}^2$).
- Compatible with all types of machine base.
- Can be supplied cut to size.

Machinery Mounting Methods



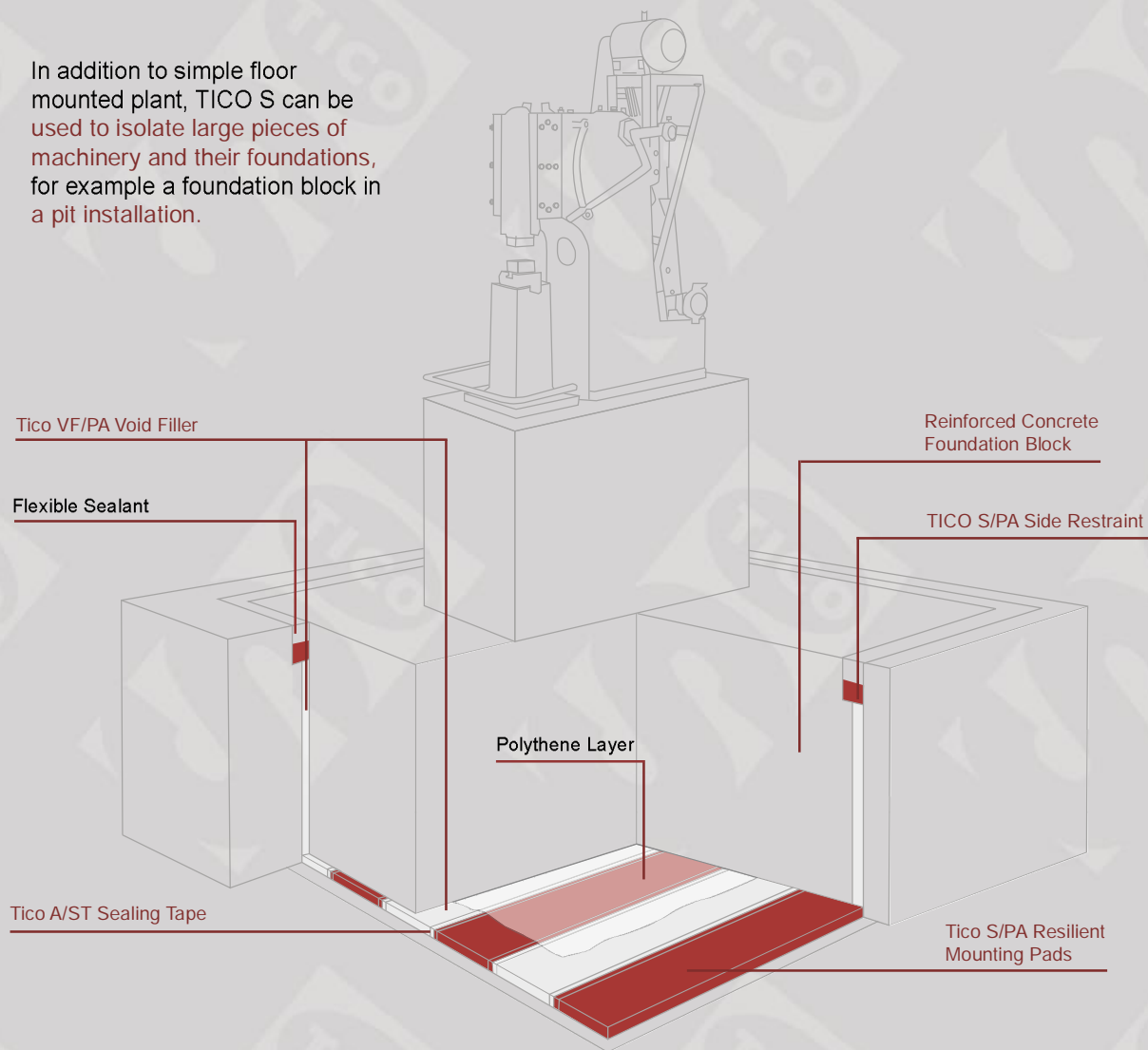
Floor mounted plant- bolt secured

Location of TICO S/PA pad utilising floor bolts together with TICO S/CO collars and TICO S/WA and MS/WA washers.

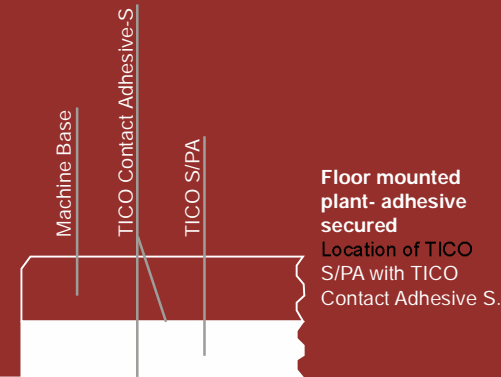
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TICO S
TS-260307

In addition to simple floor mounted plant, TICO S can be used to isolate large pieces of machinery and their foundations, for example a foundation block in a pit installation.



Supply Details



Product	Description	Standard Thickness mm (Imperial)	Standard Sizes mm (Imperial)
TICO S	Cork/ Elastomer Pad	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 4 m ² /litre	1 litre (0.264 US Gal) 5 litre (1.32 US Gal)
TICO S/SH	Levelling and Shimming	0.75 mm, 1.5 mm, 3 mm	1200 (4') x 900 (3') (other widths as required)

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



Supporting Products

TICO S/CO	Elastomer Collar	3 mm (1/8") wall (50 mm long)	M10 M12 M14 M16 M18 M20 M24 M26
TICO S/WA	Cork/Elastomer Washer	6 mm (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)	3 mm (1/8")	M10 M12 M14 M16 M18 M20 M24 M26



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.

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



Tiflex is a ISO 9001 Certified company



Uniclass L53912	EPIC E48
CI/SfB (43.9) X (J6)	

Tiflex

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