

## Material Safety Data Sheet (MSDS) & Product Usage Sheet

### FM Insulation Supplies

### Stainless Steel 316 Tank Compression Springs

Statement of hazardous nature : This product is not classified as hazardous

Product name : Tank Compression Spring

Other names : N/A

Manufacturers Product Code : None applicable

UN Number : None Allocated

Dangerous Goods Class & Subsidiary Risk : None Allocated

Hazchem Code : None Allocated

Poisons Schedule Number : None Allocated

Use : When incorporated in strapping systems to tanks & pipes the spring allows the cladding & strapping system to expand without tension breakage

#### Physical description & properties :

Appearance : A robust construction of opposed channels with a retention bolt, washers & nut assembly and twin compression springs

#### Health Hazard Information

When tensioning the spring during application ensure fingers are kept away from the open spring

Country of origin : Peoples Republic of China

## Product Usage Data

Compression springs are attached to 20mm banding with wing seals.

The maximum compression of each assembly is nom. 38mm. At the time of installation each of the two springs of the assembly should be compressed 6mm (a total of 12mm per assembly)

The number of springs per circumference should have an expansion capacity of at least twice that of the expected expansion of the item.

i.e. if expansion of 6" (152mm) is expected around a circumference 12 springs should be used per circumferential banding assembly

Springs should be installed at a maximum of 7.5M pitch around each circumferential banding run

When multiple springs are used the springs must be evenly spaced around the circumference to ensure even distribution of stresses.

Contact :                      Should you require any further information on this or any other product supplied by our company please do not hesitate to contact us on ph. 02 4735 5699, mobile 0417 230 030 fax. 02 4735 5799, e-mail [mike.flavell@gmail.com](mailto:mike.flavell@gmail.com) or visit our web site                      [www.fminsulation.com.au](http://www.fminsulation.com.au)