



PARAGON

INDUSTRIAL METAL COATING LLC

SPRINGS

DESCRIPTION EXPANSION SPRINGS

At Paragon Coatings you are going to get various types of expansion springs. The 4 cm type 302 stainless steel spring with a flat look is used for insulating pipes, tanks, vessels, and other large equipment that can expand and contract due to rise and fall in temperature and other associated weather conditions. It can be used for any $\frac{3}{4}$ cms width of strapping.

APPLICATION

It is only attached to the stainless-steel wing seals. The strapping goes through the seal and then and then the spaced opening. With the strapping bent, the wings of the seal are flattened. This strapping is then extended completely to the next spring and the task is done repeatedly until the object has been covered. The maximum expansion is only allowed up to 2-1/2 cm above the original length. During the entire process, extreme care should be adhered to so that the stress is evenly distributed all around the insulated body of the object.

DESCRIPTION COMPRESSION SPRINGS

The compression springs at Paragon Coatings are made from the alloys of 302 and 304 types of stainless steel. The strapping is allowed only for the maximum expansion and contraction of the large diameter objects such as pipes, tanks, vessels, and other equipment.

The standard-sized springs can be used for strapping widths of up to $\frac{3}{4}$ inch. These have 80 lbs. of pressure per square inch.

APPLICATION

The $\frac{3}{4}$ "X 0.8 mm Thick stainless-steel strapping is passed through the slots on the flat end bottom of the spring. The strapping is closed with the seal. The strapping is then attached to the next spring so that it can be used to cover the whole object.

COMMITTED TO QUALITY COMMITTED TO YOU

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Add : Plot No. 0849, Sector-5, Area 1, UMM AL QUWAIN U.A.E



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STRAPPING & SEALS

ALUMINUM STRAPPING

At Paragon Coatings we manufacture the aluminum strappings made with a high-density alloy of aluminum of the ASTM B-209 industry standard. The 0020 cm thickness allows for maximum tension. There are two widths that you can get for the strapping, and these are $\frac{1}{2}$ inch and $\frac{3}{4}$ inch. Remember that aluminum strapping is only to be used where high tension is not present and the conditions are also less severe for corrosion.

STAINLESS STEEL STRAPPING

It is manufactured using the T-304 alloy of stainless steel which is soft annealed to facilitate handling. The dimensions available are 12mm, 13mm, 19mm and 20mm in width and 0.5mm to 0.8mm of thickness. Remember that stainless steel is the best option for getting better strength and corrosion resistance factors. You can also get the T-316 variant of stainless steel upon request.

STAINLESS STEEL BUTT STRAP

It is used for sealing circumferential joints of stainless-steel jacketing. The variant of stainless steel used here is the T-304 variant that is available in 0.5MM thickness, 2 Inch width, and 100 mm length.

EXPANDED R STRAP

It has been discontinued and the better featured Mity springs are used in its place.

ALUMINUM WING SEALS

They are manufactured using hard-tempered heavy-duty aluminum that confers to the ASTM B-209 quality. It is available in 12mm, 13 mm, 19mm and 20mm widths.

STAINLESS STEEL WITH WINGS

The T-304 alloy variant of stainless steel is used for this purpose. It is available in $\frac{1}{2}$ Inch and $\frac{3}{4}$ Inch widths.

STAINLESS STEEL CLOSED SEALS

These are manufactured using heavy-duty T-304 & 316 hard-tempered stainless steel. It is available in various sizes as per your wish.

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