

5 Reasons to Use Stainless Steel Banding



The strength and flexibility of the **stainless-steel banding** strap make it a common sight in industrial settings.

1. Reliability

Steel is one of the most trusted materials in industrial projects, in part because of its reliability. This reliability is what makes stainless-steel banding straps so popular. It isn't prone to warping or stretching the way some other materials are and it is also extremely strong, and can secure heavy loads.

2. Steel Grade Options

There are many grades of stainless steel, but we're going to focus on three commonly offered by stainless-steel banding suppliers.

Type 201 is a cost-effective option. This grade's combination of strength and affordability distinguishes it as an industry standard for many businesses. Type 201 also offers corrosion resistance.

Type 304 is the most common type of stainless-steel banding material worldwide. It excels in a broad range of conditions, from high moisture to the lowest temperatures, and is able to resist corrosion, as well.

Type 316, also known as marine grade, offers the highest level of salt water corrosion resistance. Type 316 also handles a wide range of temperatures, making it the preferred solution for oil and gas drilling platforms, and sea going vessels.

3. Heavy duty

There are many different materials used for strapping, from rubber to polyester to steel. Stainless-steel banding material has proven to be one of the most durable, thanks to its longevity, corrosion resistance and high break strength.

This strength is useful when banding heavy items, such as traffic signals or pole line hardware. For tough jobs, stainless-steel is the answer.

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4. Corrosion and weather resistant

When using banding in outdoor or moisture-prone environments, you want to know that it can withstand the elements. In particular, you want to avoid rust. As we all know, rust can degrade the quality of metal products and is unsightly, too.

Stainless steel, unlike other types of steel, is corrosion-resistant. And unlike some other banding materials that shift or deform under the elements, stainless steel is also resistant to extreme temperatures.

5. Sustainability

Stainless steel can be recycled for different purposes over and over, making a lasting contribution to sustainable industrial projects. Stainless-steel can be recycled into the same product without a quality reduction. Because stainless-steel is so resistant to corrosion as discussed above, it will not need to be replaced for many years, further cementing it as a highly sustainable resource.

Learn more about stainless-steel banding products by contacting **Band-N-Go**.

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