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Why Use a Steel Spool?

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A spool is a cylinder around which a wire or a cable is wound. Spools have central holes and rims at both ends. Spools also go by the names reels and drums. Winding wires and cables in spools is important because it prevents entanglement, it provides for ease of transportation and it makes unwinding easy. Several materials are used for spools, among them wood, plywood, plastic and steel. The steel spool has several advantages.

The greatest advantage of steel spools over all other spools is the fact that they are more durable. Although steel is more expensive than plastic, wood and plywood, you will get greater ROI (return on investment). The durability means these are the perfect reels for shipping purposes.

Steel is corrosion resistant. Steel reels can therefore be used outdoors and even left there. Steel reels are used in the seas since they will not be destroyed by the sea water. Unlike wood, plywood and plastic, steel cannot be destroyed by fire and by other elements. Steel has a slow aging process and requires little maintenance. Steel manufacturers have to abide by strict national and international standards, meaning there is little risk of getting variance in quality.

Steel is heavier than wood, plywood and plastic, meaning it is not easily stolen. You could have a collapsible steel spool for easy transportation and storage. You could use steel reels for different types of wires, everything from heavy-duty cables to light wires, since steel is strong.

Steel scrap is 100% recyclable and has enhanced resale value. This is important because it means you will reduce your carbon footprint. About 100 billion pounds of steel are recycled annually. Another of the great advantages of steel spools is the fact that you will not be responsible for felling trees. There is a push against wood and plywood spools because the felling down of trees leads to the greenhouse effect. Trees are carbon dioxide sinks. Customers and clients are demanding that companies lower their carbon footprint and you could start by using steel spools.

Steel is cost effective. It is made from iron ore, which is very readily available. This is the reason why it is preferred to other metals such as aluminum. Steel is safe since it is not affected by mold and fungi and it does not chip like wood. This means the integrity of your wire or cables will be maintained.

Steel, despite what most people believe, is lightweight. Its strength to weight ratio makes it easy to transport. Yet another advantage of a steel spool is the fact that steel has great aesthetic value. These spools are readily available in all shapes and sizes, meaning there is something for everyone.

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Spools are made from a variety of materials, among them plastic, wood, steel and plywood. There are several reasons for the popularity of the a steel spool.

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