

## SPIRAL CONVEYOR BELTS

Spiral conveyor belts, also known as spiral woven belts or spiral mesh belts, are a specialised type of conveyor belt designed for optimal performance in various industrial applications. These mesh conveyor belts are constructed by weaving together spiral coils in numerous ways to give each of them their own distinct advantages.

Spiral conveyor belts have large open areas, which provide excellent air circulation and drainage, making them particularly suitable for drying, cooling, and filtering processes.

### ADVANTAGES

In addition, Spiral conveyor belts are known for their strength, durability and flexibility allowing them to withstand heavy loads and operate in challenging conditions. Their robust structure allows them to endure extreme temperatures, harsh cleaning chemicals, making them ideal for demanding environments.

Wire Belt offer a range of Spiral conveyor belts that are commonly used in industries such as food processing, packaging, automotive, and industrial manufacturing.

### SPIRAL CONVEYOR BELT RANGE

**BALANCED SPIRAL WOVEN**, an extremely popular mesh design metal conveyor belt, is found in almost every manufacturing industry with a wide-ranging number of applications. Balanced Spiral mesh features a simple yet effective design, constructed from alternating left- and right-hand spiral coils held in place by interconnecting crimp rods. Its alternating pattern prevents the belt from pulling to one side, giving it excellent tracking properties.

**CORDWEAVE**, offers an extremely close and flat mesh for applications where small items are being conveyed. This spiral conveyor belt provides a uniform heat transfer across the belt due to its high density and smooth carrying surface, these characteristics make it a popular choice in a wide variety of applications from biscuit baking to sorting small mechanical components.

**FLAT SPIRAL** has small apertures alongside a flat conveying surface suitable for products prone to slipping through more open mesh designs. This spiral conveyor belt is often a preferred choice where tracking problems have been previously experienced, its alternating coil pattern helps reduce any tendency for the belt to veer to one side.

**CHAIN LINK**, one of the simplest mesh belt designs, suitable for light duty use such as cooling and drying applications. Successive coils are interwoven to create an open mesh. By keeping the belt design simple yet functional, this spiral conveyor belt offers an economic and lightweight solution for low load conveying.

### FOR MORE INFORMATION

With such a wide range of metal conveyor belts available, it can often make it confusing when selecting the right belt for your application. To try and make it easier we have a comprehensive list of applications giving all options of belt available, click the link below to find the right belt for your needs.

### [PRODUCT BY APPLICATION](#)

If you cannot see your application in the list, contact our technical sales team via email [sales@wirebelt.co.uk](mailto:sales@wirebelt.co.uk) or by telephone +44 (0) 1795 421771.