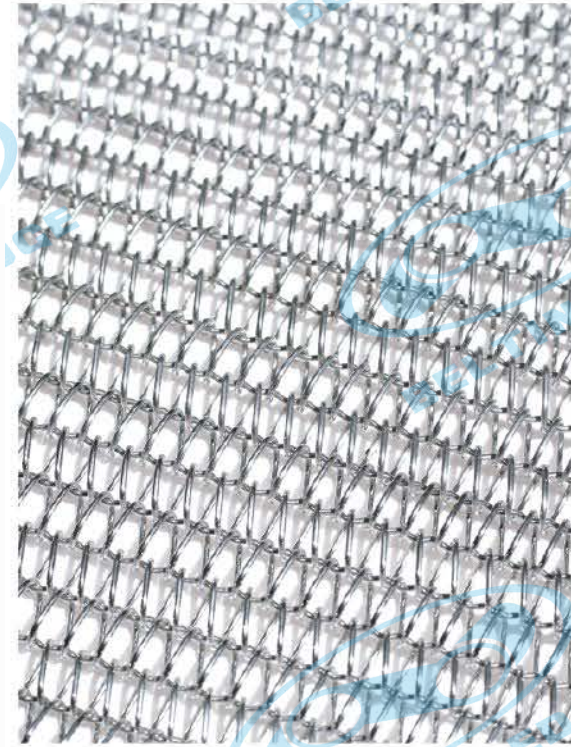




## BALANCED WEAVE BELT

Balanced weave belts are constructed from alternating left- and right-hand spirals, assembled using pre-crimped or straight rods. They are available in both round and flat wire types, depending on the specific application. These belts are typically driven by friction, requiring a sufficiently large drive roller. However, for more precise movement and control, custom sprockets can be used to provide positive-drive engagement with the mesh. The belt pitch and mesh size can be customized according to the operating environment. Belt edges are generally finished by welding or clenching for added durability and safety.



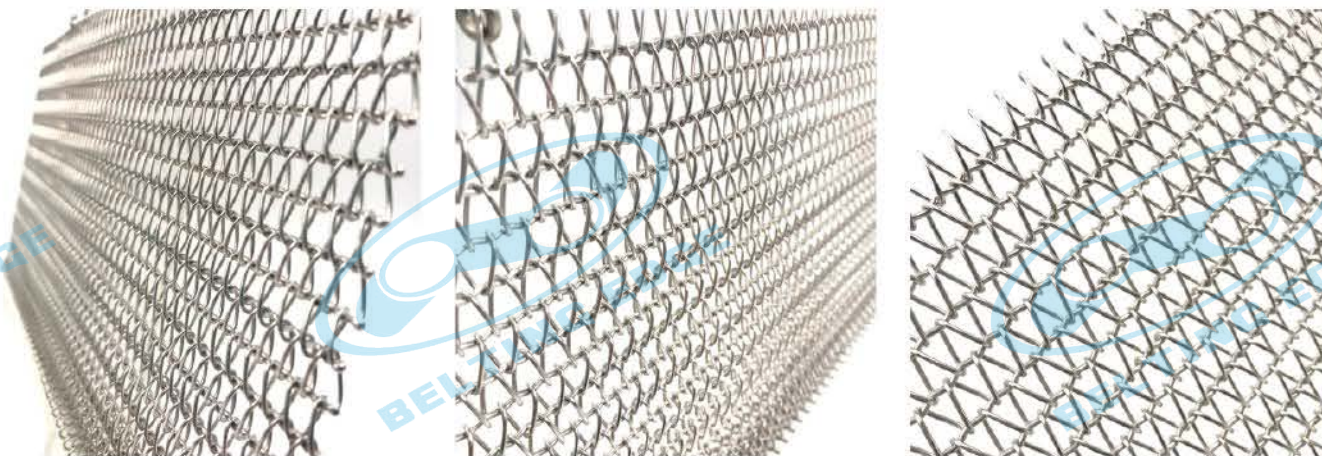
### Crimped Rod Construction:

This version features crimped rods that lock the spirals in place, maintaining alignment and preventing distortion or stress during operation. It offers the full range of benefits associated with wire mesh belts, including strength and stability.

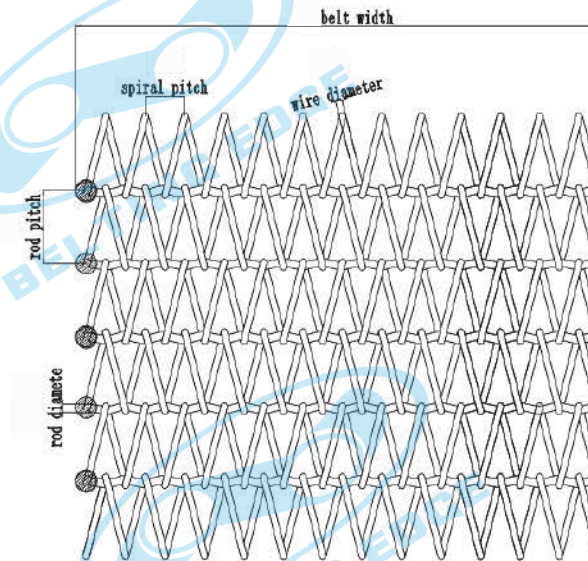
### Straight Rod Construction:

In this variation, alternating spirals are connected using straight rods. This creates a fine, evenly spaced mesh with minimal openings, ensuring smooth belt tracking and operation. Balanced weave belts are capable of handling high tension and are suitable for transporting heavy loads efficiently and reliably.

## Product images



## Technical specifications



Material	Carbon Steel, SUS201, SUS304, SUS316
Wire diameter (mm)	1.2; 1.4; 1.5; 1.6; 1.8; 2; 2.5; 3
Spiral pitch(mm)	2.8 - 40
Rod pitch (mm)	5 - 50.8
Belt width (mm)	200 - 5000
Edge finish	Welded / Clenched
Belt length	Customised
Sprocket	Material & Sprocket is customised as per request

\*Special specifications are available

## Features

- Stable straight running belt guaranteed by alternated left and right spirals.
- Stable Tracking: Alternating spirals ensure straight, reliable running.
- Versatile Use: Suitable for a wide range of applications.
- Low Maintenance: Easy to install, clean, and service.
- High Open Area: Allows excellent airflow and drainage.
- Strong & Smooth: Handles heavy loads with a flat surface and high tensile strength.

## Applications



Cooling



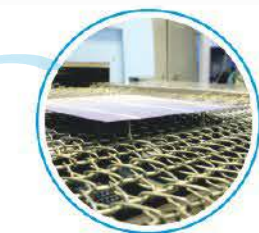
Meat poultry & seafood



Food Processing



Freezing



Solar