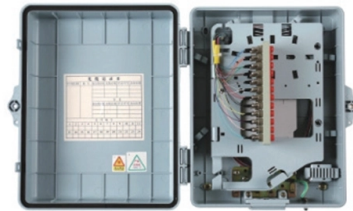


High-density spiral wound tubing energy-saving type in stock



Article Overview

High-density spiral wound tubing is available in energy-efficient designs suitable for industrial heat exchangers, pipelines, and storage applications.

Energy-Saving Spiral Wound Tubing

The TST series spiral wound tubing heat exchanger is a high-efficiency, energy-saving option designed for chemical, mining, and energy applications. Its spiral-wound tube bundles create a longer flow path, enhancing heat transfer and promoting strong turbulence, which significantly improves efficiency. Under certain conditions, the heat transfer coefficient can reach $14,000 \text{ W/m}^2$, making it ideal for energy-conscious industrial processes (SHINING OEM) .

Material and Construction Options

- High-Density Polyethylene (PE-HD, PE-80, PE-100) and polypropylene variants (PP-H, PP-B, PP-R) are available for helically wound tubes, suitable for storage tanks and chemical apparatus. Standard lengths reach up to 6,000 mm, with diameters from 1,500 mm to 3,500 mm, and customizable wall thicknesses to meet technical requirements (Schwaben Kunststoff) .
- Metal and composite spiral-wound tubes are also available, offering high structural integrity, lightweight construction, and cost-effective material usage. These are suitable for pipelines, pressure vessels, and industrial ducting systems, providing durability and energy efficiency (Alibaba)

Article Content

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PTFE Spiral WrapCut Tubing

PTFE spiral wound cut tubing, highly resistant to chemicals, flexible and easy to bend, resistant to high and

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Heat-shrink polyester spiral-wound tubing Our MYLAR®/NOMEX® epoxy hoses not only provide the

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Corex® has a complete range of spiral wound cardboard tubes and cores for the most diverse applications.

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Compare spiral and convoluted wound cardboard tubes. Discover the strengths, uses, and benefits of each type for better packaging

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We specialize in producing durable and efficient spiral tubes designed for optimal heat transfer in various applications. Our advanced

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Spiral-Wound Tubing is the Best Answer for your Tubing Needs

We can apply our spiral-wound process to almost every material type out there. We work with dielectric kraft,

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High Frequency Spiral Crimped Wound Finned Tubes-Xinbaohong

Spiral wound finned tubes are critical components in modern heat exchange systems, delivering superior heat transfer efficiency and

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Heat Shrink Tubing

International Dielectric Products, Inc. specializes in the manufacture of a high quality, diverse range of

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Spiral-Wound Tubing for All Applications

We can create spiral-wound tubes in both paper and plastic, depending on the needs of your application: Paper tubing

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Developed by Esen Plastik, Spiral Wound Corrugated Pipes are manufactured from high-density polyethylene (HDPE) using

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Spiral Wound Modules-UNISOL Membrane Technology

Spiral Wound Membrane Modules The Spiral wound membrane is formed by winding a flat sheet membrane, feed spacer, permeate

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Energy-saving Type Spiral Wound Heat Exchanger

The unique spiral-wound tube bundle is elastic, effectively alleviating the stress of tube and tube plate separation caused by

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Spiral wound tubes

We produce helically wound tubes as semi-finished product for the production of storage tanks or chemical appartous. Different wall

Contact Us

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