Cable tray made of stainless steel

Overview

Stainless cable trays are designed for secure and organised cable support in industrial and commercial environments.

Key Takeaways

Yes, cable trays can be made of stainless steel, which provides excellent corrosion resistance and durability for harsh environments. Cable trays are manufactured from a variety of materials, including stainless steel, galvanized steel, aluminum, and glass-fiber reinforced plastic, with the choice depending on the installation environment and specific requirements. Stainless steel cable trays are typically made from 304 or 316 grade stainless steel, offering a robust structure that resists rust, chemicals, UV exposure, water, and high temperatures.

This makes them ideal for marine, offshore, chemical, pharmaceutical, and food processing applications where hygiene and corrosion resistance are critical. Compared to mild or galvanized steel, stainless steel does not require additional coatings to prevent corrosion. Its chromium content forms a passive oxide layer, which is self-healing if scratched, ensuring long-term durability and reducing maintenance costs.

Stainless steel trays are available in various styles, including ladder, channel, perforated, and large-span designs, and can be easily cut, drilled, and installed with standard tools. While stainless steel trays are more expensive than galvanized steel, they are preferred in environments with high moisture, corrosive chemicals, or strict hygiene requirements, such as hospitals, food factories, and chemical plants. Their smooth, non-porous surface also makes them easy to clean and maintain, further enhancing their suitability for sensitive applications.

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In summary, stainless steel is a premium material for cable trays, offering superior corrosion resistance, structural strength, and longevity, making it a reliable choice for demanding industrial and commercial installations.

Article Content

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Superfab Inc''s Stainless Steel Cable Trays offer a durable, cost-effective, and

Stainless Steel Cable Tray

Stainless steel cable tray is available in ten standard widths - 50mm, 75mm, 100mm, 150mm, 225mm, 300mm, 450mm, 600mm, 750mm and 900mm. A full range of couplers, bends, tees and risers are

Cable Trays | Cable Management Trays

Stainless Steel Cable Trays: This type of metal cable tray provides a strong and long-lasting performance. Easy to handle and with excellent corrosion resistance. 304 and 316 Stainless Steel

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