304 Grid Cable Tray Production



Overview

We are manufacturer with a range of electrical and network cable tray systems, you can enjoy the one-stop shopping service from our company.

Key Takeaways

304 stainless steel grid cable trays are fabricated as durable, corrosion-resistant wire mesh trays suitable for industrial and commercial cable management applications. Material and PropertiesSS304 grid cable trays are made from 304-grade stainless steel, which offers excellent corrosion resistance, mechanical strength, and durability. This makes them ideal for environments exposed to moisture, chemicals, or high temperatures.

The wire mesh design allows for ventilation, heat dissipation, and easy cable routing, reducing the risk of overheating and ensuring long-term performance ( ).

Design and Dimensions

Grid cable trays are typically fabricated in wire mesh or open-grid formats. Standard dimensions include widths of 100–600 mm, heights of 25–125 mm, and lengths of 2. 5–3 meters, though custom sizes can be manufactured to meet project-specific requirements.

Wire diameters commonly range from 3. 5 mm to 6 mm, with 5 mm being standard ( ). The grid pattern allows for flexible cable placement and secure fastening using cable ties or clamps.

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Fabrication Process

Wire Cutting and Forming: Stainless steel wires are cut to length and bent or welded into the desired mesh pattern. Welding or Spot Joining: Wires are welded at intersections to form a rigid, load-bearing structure. Surface Treatment: Trays may undergo passivation, anodizing, hot-dip galvanizing, or anti-corrosion coating to enhance durability and resistance to environmental factors ( ).

Customization: Trays can be tailored for specific load capacities, side rail heights, and lengths, ensuring compatibility with industrial, commercial, or data center installations. Accessories and InstallationSS304 grid cable trays are complemented with brackets, connectors, bends, tees, and end caps to allow flexible installation in ceilings, walls, raised floors, or industrial platforms. The open-grid design facilitates easy cable insertion, maintenance, and separation of different cable types ( ).

Applications

These trays are widely used in: Industrial plants and factoriesData centers and communication networksPower distribution systemsCommercial and residential buildingsInfrastructure projects like metro systems and hospitals ( )AdvantagesCorrosion resistance and long service lifeExcellent ventilation for heat-sensitive cablesCustomizable dimensions for specific project needsEase of installation and maintenanceCompliance with safety and quality standards ( ) In summary, 304 stainless steel grid cable trays are a versatile and reliable solution for cable management, offering strength, corrosion resistance, and flexibility for a wide range of industrial and commercial applications.

Proper fabrication and installation ensure optimal performance and longevity.

Article Content

Stainless Steel SS304 Grid Type Bridge Cable Organizer Trays Wire

We are manufacturer with a range of electrical and network cable tray systems, you can enjoy the one-stop shopping service from our company. Quality and cost driving manufacturer with

Stainless Steel SS304 Grid Type Bridge Cable Tray

Grid cable tray has high strength, good air permeability, strong load-bearing capacity and good seismic resistance, and can adapt to various complex environments and terrain conditions. It is widely used

SS 304 grid cable tray, open grid cable trough, heat dissipation and ...

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With over 16 years of professional expertise in the manufacturing and supply of cable trays, perforated cable trays, ladder-type cable trays, and cable trunking systems, we have delivered premium-quality

SS304 grid cable tray, factory building mechanical equipment mesh ...

With over 16 years of professional expertise in the manufacturing and supply of cable trays, perforated cable trays, ladder-type cable trays, and cable trunking systems, we have delivered premium-quality

Wire Cable Tray,Wire Mesh Cable Tray,Grid Cable

Our expansive 6,000-square-meter facility houses a comprehensive industrial chain from raw materials to finished products. We have 3 mature high-temperature hot

Wire mesh tracks & flat grids

With the solidly dimensioned carrier material (internationally patented), they can be installed quickly and cleanly anywhere on ceilings, walls and under raised floors in industrial and commercial premises

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If you''re in the market for high-quality 30 4 Cable Tray s, you''ve come to the right place. We specialize in providing wholesale solutions tailored to factories, ensuring that you get the best prices without

Premium SS 304 Cable Tray Solutions

Discover superior SS 304 cable tray systems offering exceptional corrosion resistance, high load capacity, and environmental durability for industrial electrical installations. Professional-grade

Steel Wire Mesh Cable Tray Perforated Ladder Type 304L Cable Tray

In order to create higher added value, our company insists on improving the technical content of Grid Cable Tray, Cable Basket Joiners, Stainless Steel Basket Tray production and high standard

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Stainless Steel SS304 Grid Type Bridge Cable Organizer Trays Wire

9.Product consultation: provide detailed information of cable bridge, including specifications, materials carrying capacity, etc. 10.Scheme design: Provide the layout and design

dominic-fireproof-cable-tray-unit-price Manufacturer/Producer

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C-grid cable trays

Our C-grid cable trays including universal fastening material are an economical alternative to conventional cable support systems.

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This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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