Cable trays made of 304 stainless steel



Overview

Stainless steel cable trays resist corrosion, rust, chemicals, UV, water, high temperature and any other severe conditions.

Key Takeaways

304 stainless steel cable trays are available in ladder, channel, and perforated styles, with light, medium, and heavy duty options for diverse industrial applications. Overview of 304 Stainless Steel Cable Trays304 stainless steel is the most commonly used austenitic stainless steel for cable trays due to its excellent corrosion resistance, ductility, and weldability. It contains approximately 18–20% chromium and 8–10.

5% nickel, which forms a protective oxide layer and ensures structural integrity across a wide temperature range, making it suitable for most industrial environments. Styles of 304 Stainless Steel Cable TraysLadder StyleFeatures side rails connected by rungs, resembling a ladder. Ideal for heavy cable loads and long spans.

Provides excellent ventilation and heat dissipation for electrical cables.

Channel Style

Solid or partially open channels that support cables along the bottom. Offers protection from dust and debris. Suitable for environments where cable exposure needs to be minimized.



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Perforated Style

Flat or channel trays with regularly spaced holes. Allows air circulation and drainage. Useful in chemical, offshore, or high-humidity environments.

Duty Ranges304 stainless steel cable trays are manufactured in light, medium, and heavy duty return flange ranges, allowing selection based on cable weight and installation requirements. Heavy-duty trays are typically used in industrial or offshore applications where large bundles of cables are supported.

Sizes and Configurations

Widths: Standard widths range from 50mm to 1200mm. Lengths: Typically 1m to 6m per section. Accessories: Couplers, bends, tees, and risers are available to configure complex cable routing.

Applications304 stainless steel cable trays are widely used in oil and gas, petrochemical, marine, offshore, food processing, nuclear, and heavy industry environments due to their durability and resistance to corrosion, chemicals, and high temperatures. They are suitable for both indoor and outdoor installations where moderate corrosion resistance is required.

Key Advantages

Corrosion and rust resistanceStructural strength and durabilityEasy fabrication, cutting, and weldingLong lifespan with low maintenanceCompatibility with a wide range of accessories for flexible installation In summary, 304 stainless steel cable trays offer versatile options in ladder, channel, and perforated styles, with multiple duty ranges and sizes, making them suitable for a broad spectrum of industrial and commercial cable management applications.

Article Content

Stainless Steel Cable Tray Material Supplier (316L/304)

Leading supplier of 316L and 304 stainless steel materials. We provide high-strength, corrosion-resistant steel coils and plates specifically for

STAINLESS STEEL CABLE TRAYS, 304 316 STAINLESS STEEL

Stainless Steel Cable Tray Stainless steel cable trays are manufactured in light, medium and heavy duty return flange ranges in both 304 and 316 grades stainless steel - extensively specified for cable

Stainless Steel Cable Tray

Stainless steel cable trays resist corrosion, rust, chemicals, UV, water, high temperature and any other severe conditions. Easy cutting and drilling with

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Stainless Steel Cable Tray Straight Sections and

Achieve a clean, professional cable management system with the Kable Kontrol® Stainless Steel Cable Tray Straight Sections. Constructed from high-quality 304

Cablofil Cable Tray-Stainless 304 (2D,2W,120L)

Cablofil Wiremesh Cable Tray concept based upon performance, safety and economy; three qualities which make Cablofil Wiremesh Cable Tray system preferred by installers. Cablofil

SS304 Stainless Steel Channel Cable Tray System

The SS304 stainless steel channel cable tray system is made of 304 stainless steel. Characteristics: The SS304 channel cable tray has the characteristics of

304 Stainless Steel Trof Cable Tray

Durable Cope Trof cable trays in 304/316 stainless steel for secure, efficient routing.

Stainless steel cable tray, Stainless steel cable tray

Find your stainless steel cable tray easily amongst the 13 products from the leading brands (LEGRAND, UNITRUNK, mp husky, ...) on ArchiExpo, the architecture and design specialist for your professional

Stainless steel cable tray

Find your stainless steel cable tray easily amongst the 25 products from the leading brands (OBO Bettermann, Ebo Systems, By CARPEL, ...) on DirectIndustry, the

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.

Cable Trays, Cable Management Trays | RS

Cable trays are a type of cable management system used to support and organize electrical cables and wires in commercial, industrial, and residential settings. They are typically made of metal, such as

Engineered Cable Trays for Data Centers| Marlin Steel

Wire Mesh Cable Tray Systems Precision-Engineered USA-Made Solutions for Data Centers & Industrial Facilities Marlin Steel''s wire mesh cable trays are designed

Cable Trays

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CABLE TRAYS manufacturer in UAE . DANA STEEL is the leading manufacturer of high quality Cable trays & it''s accessories in Stainless steel,Mild Steel,Aluminum,Hot Dip Galvanized,Painted & powder

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Stainless Steel Cable Tray Straight Sections — KABLE

Durable Stainless Steel Construction – Made from high-quality 304 stainless steel with a chrome finish, ensuring long-lasting durability and corrosion resistance.

Stainless Steel Cable Management Accessories

Stainless Steel Cable Management Accessories – Cable Tray Brackets, Conduit Clamps, Cable Saddles, Gland Plates, MCT Frames in SS 304, 316, 316L. Offshore, EPC, OEM. Price US$

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