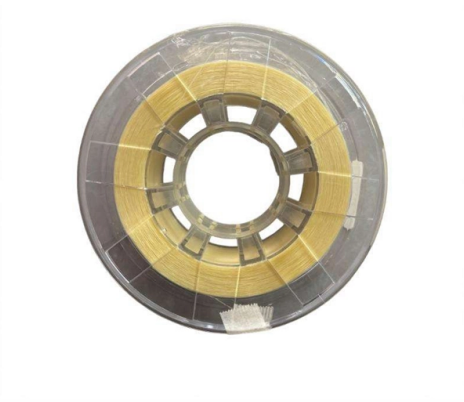
Antistatic flooring cable trays high-density RoHS compliant



Overview

Choose from our selection of floor cable trays, including multichannel interlocking cable ramps, drop-over interlocking cable ramps, and more. Same and Next Day Delivery.

Key Takeaways

Walkable, antistatic cable trays with high-density capacity and RoHS compliance are available for industrial flooring applications, offering safe, modular, and ESD-protected cable management.

Key Features

Antistatic and ESD Protection Modern floor cable trays are designed to prevent electrostatic discharge, protecting sensitive electronics and data lines. Systems like the OBO BKRS and PFLITSCH Floor Trunking provide antistatic surfaces and closed channels to minimize dust and static accumulation, ensuring safe operation in automated production environments.

High-

Density Cable Routing These trays support multiple cable types, including power, control, and data lines, often with flexible internal partitions to separate sensitive cables. High-density designs allow efficient use of space while maintaining EMC compliance and reducing interference.

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Walkable and Load-

Bearing Walkable floor trays are engineered for high footfall and mechanical loads, with embossed or chequered covers providing R10–R11 slip resistance according to DIN 51130 standards. This ensures safety for personnel walking over the trays in industrial or automotive production areas. RoHS Compliance These cable trays are manufactured from materials that meet RoHS directives, ensuring they are free from hazardous substances like lead, mercury, and cadmium.

This compliance is critical for environmentally responsible installations and adherence to European and international standards. Modularity and Installation Flexibility Floor cable trays are available in various widths (100–600 mm) and heights (100–110 mm), with perforated or solid bases. Modular systems allow easy customization on-site, including notching, hole punching, and partition adjustments, enabling rapid installation and maintenance.

Durability and Maintenance High-quality trays are made from robust, wear-resistant materials suitable for industrial environments. Covers are designed to resist abrasion and maintain non-slip properties over time, while closed designs protect cables from dust, dirt, and mechanical damage.

Recommended Applications

Automated production lines and robotic cellsAutomotive manufacturing facilitiesIndustrial assembly areas with high foot trafficData centers or control rooms requiring ESD protectionExamples of ProductsPFLITSCH Floor Trunking: Walkable, embossed cover, flexible partitions, R10 slip resistance, suitable for power, data, and fluid lines.

OBO BKR

S Walkable Cable Tray System: Closed, dust-protected, R11 slip resistance, multiple widths and heights, widely used in automotive and industrial applications. McMaster-Carr Floor Cable Trays: Various interlocking and multichannel designs for high-density cable routing with fast delivery options. These systems provide a safe, compliant, and efficient solution for industrial floor cable management, combining antistatic protection, high-density capacity, and RoHS compliance.

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Article Content

GUIDE CABLE TRAYS TECHNICAL

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules of Canadian Electrical Code, Part I and the National Electrical Code®

Floor Cable Trays | McMaster-Carr

Choose from our selection of floor cable trays, including multichannel interlocking cable ramps, drop-over interlocking cable ramps, and more. Same and Next Day Delivery.

Cable Trays | Underfloor Raised Access Floor System Organization

Cable trays keep wires in place while allowing air flow in raised access floor systems. Our system installs in seconds without tools. Ideal for data centers.

FRP CABLE TRAY SYSTEM

The installation of REAL SAFETY Cable Tray should be made in compliance with the standards set forth by the National Electric Code and NEMA Publications FG-1 (current issue).

StaticWorx GroundSafe® ESD Flooring | We Keep You Grounded

StaticWorx telecom flooring maintains grounding continuity across raised floors and cable pathways while meeting ATIS 0600321 electrical performance requirements.

ESD Trays | Anti-Static Trays | Stock Plastic Packaging

ESD Trays are stock and include anti-static and conductive options. ESD-Safe Trays are used for packaging, shipping, and storage of small electronic parts, circuit

Conductive Component Trays for Safe Static Handling

Keep high value components secure with Bondline''s conductive component trays. An excellent solution for storing, packaging and shipping static sensitive components and printed circuit boards that

A Side-by-Side Look at Popular Cable Management Flooring Options

Raised access flooring supports efficient cable management in both data centers and flexible office spaces. Companies choose this system for its easy reconfiguration and reliable cable concealment.

ESD Floor Mat Kits include a heel grounder and ground cord, Made in

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RoHS & REACH Compliant ESD Floor Mat Kits by ESDmat are made in the USA. We offer a range of ESD Floor Mats for various applications in the electronic and healthcare industries. Our ESD floor

ESD Matrix Trays

ESD Matrix Trays: Safeguard your components from electro-static discharge with RH Murphy Co''s anti-static solutions. Protect, store, and ship safely.

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous impro-vement policy, Legrand reserves the right to change the specifications and illus-trations without notice. All illustrations, descriptions and technical information

Anti-Static And Automation Ready Custom JEDEC Tray For IC

From standard devices to custom modules, our JEDEC trays provide safe, ESD-protected handling every step of the way. This JEDEC-compliant matrix tray provides a practical and sturdy option for

Amazon : Anti Static Mat

Discover anti-static mats that protect your electronics and keep your workspace organized. Ideal for soldering, assembly, and a wide range of repair projects.

Black PS Anti Static Trays

Shop high-quality black PS anti static trays for reliable electronics packaging. Wholesale supplier of durable, customisable trays for component storage.

AisleLok Acrycell Non-Particulating Sealing Tape

AisleLok® Acrycell Sealing Tape is the premium choice for sealing gaps and openings in the data center including room perimeter, floor openings, under cabinets, between racks, and around CRAC units.

ESD protected products – anti-static products | Treston

ESD protection is built into the very foundation of Treston ESD workstation solutions. All our high-quality and ergonomic workstation furniture is available as ESD-protected versions. Compliant and certified

ESD Floors, ESD Matting, Carpet, Tile & Anti-Static Products | Ground ...

We provide and manufacture static control technical elements such as static conductive and static dissipative flooring, anti-static floor and bench mats, anti-static wrist straps, ESD furniture, office

Cable Tray Technical Guide A practical guide to product selection and ...

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Cable tray is considered to be a system. It must provide continuous support for cables, and the electrical continuity of the cable tray system must be maintained.

Related Video Reference

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

Contact Us

Continue your research online:

Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

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

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