

Price of Perforated Aluminum Plate Distribution Box



Overview

Perforated Metal Sheets | McMaster-Carr Choose from our selection of stainless steel perforated sheets, aluminum perforated sheets, steel perforated sheets.

Key Takeaways

The price of a perforated aluminum plate distribution box typically ranges from \$150 to \$600 or more, depending on size, material grade, and customization. Factors Affecting Price

- **Material Grade:** Common aluminum alloys for perforated sheets include 3003, 6063, and 6082, with 6082 offering higher strength and corrosion resistance, which can increase cost .
- **Sheet Thickness:** Thicker sheets provide greater durability but are more expensive. Typical thicknesses range from 1 mm to 5 mm for distribution boxes .
- **Hole Pattern and Perforation:** The size, shape, and spacing of perforations affect both material usage and manufacturing complexity, influencing the price .
- **Size of the Box:** Larger enclosures require more material and labor, increasing the cost. Standard small boxes may start around \$150, while large industrial boxes can exceed \$600 .

- Customization and Finishing: Custom cuts, powder coating, anodizing, or additional fabrication services (like bending or welding) add to the price .

Supplier Guidance

- Online Metals and The Mesh Company offer perforated aluminum sheets suitable for distribution boxes, with options for custom sizes and hole patterns .
- Steel Express and Metal Supermarkets provide local delivery and fabrication services, which can help reduce lead time and allow for tailored solutions .
- For exact pricing, it is recommended to contact suppliers directly with your required dimensions, alloy type, and perforation specifications, as prices vary by quantity and customization.

Summary

While a typical perforated aluminum plate distribution box may cost \$150-\$600, the final price depends on material, thickness, perforation pattern, size, and finishing options. For precise quotes, reach out to suppliers like Online Metals, The Mesh Company, Steel Express, or Metal Supermarkets with your specifications .

Article Content

Electrical Metal Enclosure Distribution Box

Supply include: Enclosure and door, mounting plate, lock system, cable gland plate, sealing gasket and

50 Pair MDF Box with Krone Module – Shaksham Inc.

A 50-pair Main Distribution Frame (MDF) box equipped with Krone modules is designed to terminate and manage up to 50 pairs of

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

