

Price of Aluminum Tape Wrapping for Optical Cable

Article Overview

Aluminum tape for optical cable typically ranges from \$2 to \$10 per meter or roll depending on type, thickness, and order quantity.

Overview

Aluminum tape for optical cables is widely used for shielding, wrapping, and moisture protection in communication and power cables. It is manufactured from high-purity aluminum alloys (such as 1070, 1060, 1050, 1145, 1235, or 8011 series) and is available in plain aluminum, aluminum-polyester (AL/PET), or copolymer-coated variants . The tape is valued for its flexibility, conductivity, and environmental resistance, making it suitable for longitudinal or helical wrapping of optical cables .

Pricing Factors

- o **Tape Type and Coating:** Plain aluminum foil tape is generally less expensive, while copolymer-coated or laminated aluminum tapes designed for EMI/RFI shielding or enhanced durability cost more .
- o **Thickness and Width:** Thicker tapes or wider rolls increase material cost. Common thicknesses range from 0.02 mm to 0.1 mm, and widths from 10 mm to 100 mm.
- o **Order Quantity:** Suppliers often offer bulk discounts. For example, some manufacturers have a minimum order quantity (MOQ) of 500 kg, with prices decreasing for larger orders .
- o **Customization:** Colored or printed tapes, or those with specific adhesive properties, may carry additional costs .

Typical Price Ranges

- o **Small rolls or retail quantities:** Approximately \$2-\$5 per meter on platforms like Alibaba or Amazon .
- o **Bulk industrial orders:** Prices can range from \$3,000 to \$8,000 per ton, depending on alloy, coating, and supplier terms .
- o **Customized laminated tapes:** May cost 10-20% more than standard aluminum foil tapes due to additional layers or coatings .

Suppliers and Purchase Options

- o **Alibaba:** Offers a wide range of aluminum tapes for optical cables with customizable colors and designs, often at discounted bulk prices .
- o **DoingCable:** Specializes in high-purity aluminum foil tapes for cable manufacturing, suitable for longitudinal and helical wrapping .
- o **Made-in-China / Tianhong:** Provides Alu+PE laminated tapes with MOQs around 500 kg and delivery

Price of Aluminum Tape Wrapping for Optical Cable

within 15-20 days .

o Star Materials: Offers AL/PET and copolymer-coated aluminum tapes for optical and electronic cables, including EMI shielding applications .

Recommendations

o For small-scale or prototyping needs, purchasing from Alibaba or Amazon is cost-effective.

o For industrial-scale production, contact suppliers like DoingCable or Tianhong to negotiate bulk pricing and confirm specifications.

o Always verify tape thickness, adhesive type, and environmental resistance to ensure compatibility with optical cable requirements. By considering these factors, you can estimate the cost of aluminum tape for optical cable accurately and select the most suitable supplier for your needs.

Copolymer Coated Aluminum Foil Tape for Optical Cable etc., Find Details and Price about Aluminum Tape Alu+PE from Copolymer

Copolymer Coated Steel/Aluminum tape for Optical Armouring Insulation Material / Cable foil No reviews yet Hangzhou Ding He

Wrapping Tube (WTC) Cable with SpiderWeb Ribbon delivers high-performance engineering, reliability and simplified deployment for

Aluminum Tape/Strip for Optical Fiber Cables Armoring Customization,multitude of Aluminum Tape factories, Cable Armoring

Cable Fiberglass Tape Product Description: Using aluminum-borosilicate glass-fiber, the alkali metal

Double-Sided Bonded Aluminum Mylar Foil Tape for Cable Shield (Al/Pet/Al/Emaa), Find Details and Price about Aluminum Mylar

Foil Shielding Aluminum Polyester Tape for Cables and Wires Wrapping, Find Details and Price about Aluminum Foil and Aluminum

Copolymer Coated Aluminum Foil Tape for Optical Cable etc.,multitude of Aluminum Tape factories,Alu+PE wholesalers,distributors

Foil Laminated Shielding Tapes for Wire & Cable Shielding tapes provide a mechanical means to protect

Price of Aluminum Tape Wrapping for Optical Cable

A wide variety of aluminium tape for optical cables options are available to you, such as wifi, wireless lan and wired lan.

Aluminium Tape (ALUBAR) is a flexible tape which produces annealing process without any other surface treatment on various

This tape wrapping calculator was designed to determine the necessary tape amount needed when wrapping wires or cables. By

The main raw material of mica cable wrap tape is phlogopite mica or synthetic mica. both phlogopite mica

1215 aluminium tape for optical cables products are offered for sale by suppliers on Alibaba.com, of which fiber optic equipment

Aluminium Mylar Tape Aluminium Mylar Tape, also known as Aluminium Polyester Tape, is a crucial

Premium Aluminum Tape for Cable (Aluminum Foil Shielding Tape) in thicknesses 0.1-3.0 mm and widths 15-600 mm. High

Web: <https://www.supremeacademicresearch.co.za>

