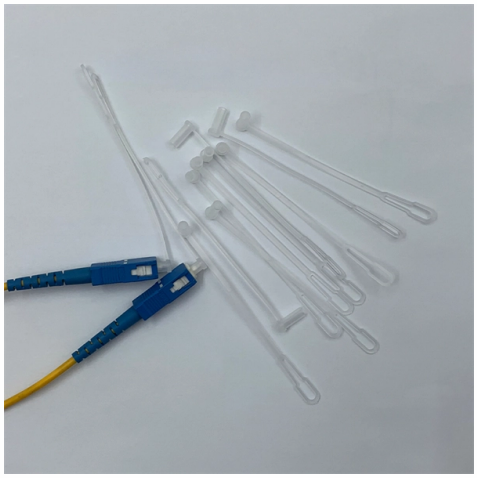
ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Distribution box shrink tubing



Overview

Shrink Tubing Kits | McMaster-CarrChoose from our selection of shrink tubing kits, including heat-shrink tubing assortments, heat-shrink tubing, and more.

Key Takeaways

Distribution box shrink tubing is heat-shrinkable insulation tubing used to protect, insulate, and organize cables and connections within electrical distribution boxes.Key Features

Shrink Ratio: Heat shrink tubing comes in various shrink ratios, such as 2:1, 3:1, 4:1, and even 6:1, indicating how much the tubing contracts when heated. Choosing the correct ratio ensures a snug fit around cables and connectors, providing effective insulation and protection . Material Types: Common materials include polyolefin, PVC, neoprene, polyester/rubber, PTFE, FEP, and Viton® fluoroelastomer. Polyolefin is widely used for general purposes, offering flexibility, chemical resistance, and durability. Adhesive-lined tubing creates a water-resistant seal, ideal for moisture-prone environments . Wall Thickness: Tubing is available in thin, medium, and thick walls. Thicker walls provide higher mechanical protection, while thinner walls offer more flexibility for tight spaces . Temperature and Chemical Resistance: Tubing must withstand the operating temperature of the distribution box and exposure to chemicals, oils, or acids. Some tubing types are flame-retardant (UL 224 VW-1) to prevent fire spread .

Applications in Distribution Boxes
• Insulation: Protects exposed wire ends and connectors from short circuits.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

• Moisture Protection: Adhesive-lined tubing seals out water and humidity.

• Mechanical Protection: Shields cables from abrasion, bending, and impact.

• Identification: Colored or printed tubing can mark different circuits or phases.
Packaging and Convenience

Shrink tubing is available in kits, dispenser boxes, or by the meter, making it easy to select the right size for various cables in a distribution box . Kits often include multiple diameters and lengths, providing flexibility for different wiring needs.

Selection Tips
• Determine the cable diameter and choose tubing slightly larger before shrinking.

• Select the appropriate shrink ratio for a tight fit.

• Consider environmental factors such as moisture, chemicals, and temperature.

• Choose adhesive-lined tubing if water resistance is required.

• Ensure mechanical strength by selecting the right wall thickness. Using the correct distribution box shrink tubing ensures safe, durable, and organized electrical installations, reducing the risk of short circuits, corrosion, and mechanical damage .

Article Content

Shrink Tubing Kits | McMaster-Carr

Choose from our selection of shrink tubing kits, including heat-shrink tubing assortments, heat-shrink tubing, and more. Same and

Shrink Tubing | McMaster-Carr

Choose from our selection of shrink tubing, including heat-shrink tubing, moisture-seal heat-shrink tubing, and more. Same and Next

51 Heat Shrinkable Tubing Manufacturers in 2026

This section provides an overview for heat shrinkable tubing as well as their applications and principles. Also, please take a look at

Nilight 150PCS Copper Wire Lugs and Heat Shrink

It was specially designed for various work needs. Suitable for adding an auto

1120PCS Heat Shrink Tubing 2:1, Eventronic Electrical Wire ...

Eventronic has specialized in heat shrink tubing for more than half a century and has achieved unanimous acclaim in the industry. we

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Wire Shrink Tubing

Heat shrink and cold shrink tubing are sleeves that form a tight seal around wire, cable, and connectors and are used for protection,

3M Heat Shrink Tubing | 3M United States

These field-proven products are known for ease of use and durability, even in extreme conditions. Count

Medium-voltage heat-shrink tubing products

Medium-voltage heat-shrink tubing provides reliable and durable protection and sealing, insulation, and identification in medium

Shrink Tubing | PVC Clear Bulk Rolls

High-quality shrink tubing in PVC and poly for bundling, wire protection & tamper-evident sealing. Clear

Heat Shrink Tubing, Sleeving, Terminals & Wire Organization

Heat shrink is ideal for all stranded and solid wire conductors, connections, joints and terminals commonly found in electrical work.

Raychem

The world counts on connectivity. TE Connectivity leverages innovation across industries and disciplines to design and manufacture

Sleeving & Heat Shrink Kits | Newark Electronics

87 Products Found Our sleeving and heat shrink kits at Newark offer an all-in-one solution for insulating and protecting your cables

900PCS Wire Heat Shrink Tubing Kit, 2:1 Industrial HeatShrink

These heat shrink tubing kit shrink to half their size, gripping wires tightly for insulation that actually lasts. Say

720 PCS Black Ratio 2:1 Heat Shrink Tubing Kit with Box, 8 ...

720 PCS Black Ratio 2:1 Heat Shrink Tubing Kit with Box, 8 Sizes | Assorted Sizes Heat Shrink Tubes

Amazon : Electrical Shrink Tubing

Eventronic 600PCS Heat Shrink Tubing 2:1, Electrical Wire Cable Wrap Assortment Electric Insulation Heat Shrink Tube Kit with Box

Shrink Tubing Kits | McMaster-Carr

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Choose from our selection of shrink tubing kits, including heat-shrink tubing assortments, heat-shrink tubing, and more. Same and

Bates

Bates heat shrink tubing kit is suitable for electrical insulation, corrosion protection of solder joints, wire bundling, color

Heat Shrink Kits | McMaster-Carr

Choose from our selection of heat shrink kits, including heat-shrink tubing assortments, heat-shrink and

Heat Shrink Tubing Assortment with Storage Box, 127

More Information: Heat shrink tubing makes wiring jobs look neat and prevents shorting. After soldering or

Amazon : Heat Shrink Tubing Kit

Find complete heat shrink tubing kits with multiple shrink ratios and adhesive options. Get professional-grade sealing for all your

Heat Shrink Tubing Kits | Kits | DigiKey

Shop DigiKey''s large in-stock selection of Heat Shrink Tubing Kits. View inventory, pricing and order now for same day shipping!

Amazon : Heat Shrink Tubing Kits

Amazon : heat shrink tubing kits Eventronic 600PCS Heat Shrink Tubing 2:1, Electrical Wire Cable Wrap Assortment Electric

Shrink Tubing Selection Guide: Types, Features, Applications

Shrinkable products can be found in all major markets, such as the automotive industries, electronics industries, power stations,

Nilight

Box organized- 5 colors heat shrink tubing including Black, Red, Blue, yellow, Green, total 560 pcs, well organized in a storage box

Amazon : Shrink Tubing

Discover the ultimate in wire and cable protection with high-quality shrink tubing kits, perfect for automotive, marine, and industrial

Uline Shrink Tubing in Stock

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Uline stocks a wide selection of Uline Shrink Tubing. Order by 6 p.m. for same day shipping. Huge Catalog! Over 45,000 products in

127-Piece Heat Shrink Tubing Set with Assorted Sizes

The Sontax Blue 127-Piece Heat Shrink Tubing Set is a must have for anyone performing electrical work. The set includes an

Heat Shrink Tubing Kits for Wires, Industrial Shrink Tube

Heat Shrink Tubing is made from shrinkable plastic,which is used for wires insulation,providing abrasion resistance and

120 Piece Heat-Shrink Tubing Set

This heat-shrink tubing set includes 5 different colors with 15 pieces of each size and color combination. Use the tubing

Installation Products | ABB Electrification U.S.

As electrical infrastructures age and new demands for power capacity increase, we provide the components that help safely power

Raychem

The world counts on connectivity. TE Connectivity leverages innovation across industries and disciplines to design and manufacture

Sleeving & Heat Shrink Kits | Newark Electronics

87 Products Found Our sleeving and heat shrink kits at Newark offer an all-in-one solution for insulating and protecting your cables

900PCS Wire Heat Shrink Tubing Kit, 2:1 Industrial HeatShrink

These heat shrink tubing kit shrink to half their size, gripping wires tightly for insulation that actually lasts. Say

720 PCS Black Ratio 2:1 Heat Shrink Tubing Kit with Box, 8 ...

720 PCS Black Ratio 2:1 Heat Shrink Tubing Kit with Box, 8 Sizes | Assorted Sizes Heat Shrink Tubes

Amazon : Electrical Shrink Tubing

Amazon : electrical shrink tubing Eventronic 600PCS Heat Shrink Tubing 2:1, Electrical Wire Cable Wrap Assortment Electric

Shrink Tubing Kits | McMaster-Carr

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Choose from our selection of shrink tubing kits, including heat-shrink tubing assortments, heat-shrink tubing, and more. Same and

1120PCS Heat Shrink Tubing 2:1, Eventronic Electrical Wire ...

1120PCS Heat Shrink Tubing 2:1, Eventronic Electrical Wire Cable Wrap Assortment Electric Insulation Heat Shrink Tube Kit with

160-Piece 3 in. Assorted Size Heat Shrink Tubing Kit, Black

This Commercial Electric 160-Piece Assorted Size Heat Shrink Tubing Kit, Black provides abrasion and moisture protection for

Amazon : Heat-shrink Tubing

Discover the versatility of heat shrink tubing. Protect wires and cables with durable, waterproof solutions in a range of sizes and colors.

3M™ Heat Shrink Thin-Wall Flexible Polyolefin Tubing FP-301

3M™ Heat Shrink Tubing FP-301 is a general purpose, thin wall tubing that provides a balance of electrical, physical and chemical

Bates

Bates heat shrink tubing kit is suitable for electrical insulation, corrosion protection of solder joints, wire bundling, color

Heat Shrink Kits | McMaster-Carr

Choose from our selection of heat shrink kits, including heat-shrink tubing assortments, heat-shrink and -seal systems, and more.

Heat Shrink Tubing Assortment with Storage Box, 127 Pieces

More Information: Heat shrink tubing makes wiring jobs look neat and prevents shorting. After soldering or crimping the connection,

Amazon : Heat Shrink Tubing Kit

Find complete heat shrink tubing kits with multiple shrink ratios and adhesive options. Get professional-grade sealing for all your

Shrink Tubing Kits | McMaster-Carr

Choose from our selection of shrink tubing kits, including heat-shrink tubing assortments, heat-shrink tubing, and more. Same and

Shrink Tubing | McMaster-Carr

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Choose from our selection of shrink tubing, including heat-shrink tubing, moisture-seal heat-shrink tubing, and more. Same and Next

51 Heat Shrinkable Tubing Manufacturers in 2026

This section provides an overview for heat shrinkable tubing as well as their applications and principles. Also, please take a look at

Nilight 150PCS Copper Wire Lugs and Heat Shrink

It was specially designed for various work needs. Suitable for adding an auto

1120PCS Heat Shrink Tubing 2:1, Eventronic Electrical Wire ...

Eventronic has specialized in heat shrink tubing for more than half a century and has achieved unanimous acclaim in the industry. we

Wire Shrink Tubing

Heat shrink and cold shrink tubing are sleeves that form a tight seal around wire, cable, and connectors and are used for protection,

3M Heat Shrink Tubing | 3M United States

These field-proven products are known for ease of use and durability, even in extreme conditions. Count

Medium-voltage heat-shrink tubing products

Medium-voltage heat-shrink tubing provides reliable and durable protection and sealing, insulation, and identification in medium

Shrink Tubing | PVC Clear Bulk Rolls

High-quality shrink tubing in PVC and poly for bundling, wire protection & tamper-evident sealing. Clear

Heat Shrink Tubing, Sleeving, Terminals & Wire Organization

Heat shrink is ideal for all stranded and solid wire conductors, connections, joints and terminals commonly found in electrical work.

Shrink Tubing Kits | McMaster-Carr

Choose from our selection of shrink tubing kits, including heat-shrink tubing assortments, heat-shrink tubing, and more. Same and

Shrink Tubing | McMaster-Carr

Choose from our selection of shrink tubing, including heat-shrink tubing, moisture-seal heat-shrink tubing, and more. Same and Next

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

51 Heat Shrinkable Tubing Manufacturers in 2026

This section provides an overview for heat shrinkable tubing as well as their applications and principles. Also, please take a look at

Nilight 150PCS Copper Wire Lugs and Heat Shrink

It was specially designed for various work needs. Suitable for adding an auto

1120PCS Heat Shrink Tubing 2:1, Eventronic Electrical Wire ...

Eventronic has specialized in heat shrink tubing for more than half a century and has achieved unanimous acclaim in the industry. we

Wire Shrink Tubing

Heat shrink and cold shrink tubing are sleeves that form a tight seal around wire, cable, and connectors and are used for protection,

3M Heat Shrink Tubing | 3M United States

These field-proven products are known for ease of use and durability, even in extreme conditions. Count

Contact Us

Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

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

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved