

Wetra Cold Shrink Tube

Data Sheet

1. Product Description

Cold Shrink Tube is insulated, open-ended, tubular, rubber sleeve which is factory expanded and assembled onto a removable core. The core is removed after the tube has been positioned for installation over a cable connection, terminal lug, etc., allowing the tube to shrink and form a water-resistant seal.



The insulating tube is made of solid silicone rubber which contains platinum catalysts.

Demos Endüstriyel Sistemler San. ve Tic. Ltd. Şti.

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2. Features:

Simple installation, requires no special tools.

No torches or heat required.

Good tracking resistance and electric corrosive resistance.

Good thermal stability.

Allowed long time operating temperature: $-65^{\circ}\text{C} \sim 250^{\circ}\text{C}$

Seals tight, retains its resiliency and pressure even after prolonged years of aging and exposure.

Excellent wet electrical properties.

Resists fungus.

Resists ozone.

3. Applications

Isolation of mobile phone base station antennas – jumper cable connection.

Cold shrink tube provides perfect physical protection and moisture sealing in the connection of antenna – jumper cable. It results in less vswr problems, better communication quality.



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4. Typical Physical and Electrical Properties

Test Item	Typical Value
·Color	Black
·Tensile strength	1232 PSI (8.5 MPa)
·Elongation at break	710%
·Tear Strength	169 PPI (29.6 KN/m)
·Compression set (22 h/175°C)	<30%

5. Dimensions

Specification	Before Expansion ID(mm)	Brace Strip ID(mm)	Before Expansion Length (mm)	Before Expansion Thickness (mm)	Suit for Diameter (mm)
WCS01	10	39	140	3.5	13--34

6. Maintenance

Cold shrink tubes are stable under normal storage conditions. They are not impaired by freezing or overheating due to the ambient temperatures found in storage or shipping. Normal storage and stock rotation are recommended.

Cold shrink tube's removable core material is polyethylene and recyclable with other waste.

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