

RWRMT Wrap Around Repair Sleeve

APPLICATIONS:

- Repairing of cables up to 1KV without cutting the cable
- Insulation of cable joints in tight areas
- Repair and protect un-pressurized pipes
- Permit re-entering a joint for repair or add on connections with minimum disruption.

SPECIFICATIONS:

- Tested to conformance of: IEC, ASTM and MIL-SPEC

GENERAL PROPERTIES OF PRODUCT:

- High resistance to ultra violet rays, fungus, copper and chemical corrosion.
- High shrink ratio of approximately 3.5 to 4:1 (depending on size)
- Longitudinal change at max 10 percent
- Dielectric strength of 12KV/mm
- Hot melt adhesive in wrap around tube provides excellent waterproofing and Environmental sealing properties.

| Section | Properties | Test Method & Conditions | Ref. | Requirements | Remarks |
|---------|---|--|-------------------------------|---|---------|
| 2.1.1 | Tensile Strength | Test speed : 50 mm/min. Cutting Die No.2 | ISO R527 | Min.155 Kgf/cm ² | Conform |
| 2.1.2 | Ultimate Elongation | Test speed : 50 mm/min. Cutting Die No.2 | ISO R527 | Min.200% | Conform |
| 2.1.3 | Impact Brittleness | Heat transfer medium : 40/60 water/ethylene glycol. Test time : 6 minutes max. | ISO 974 | Below -40°C | Conform |
| 2.1.4 | Thermal ageing Tensile strength Ultimate elongation | 168 hrs at 150 ± 2°C | ISO 188 2.1.1 2.1.2 | Min.125 kgf/cm ² 150% Min. | Conform |
| 2.1.5 | Dielectric Strength | Electrodes: 6mm dia brass rods Upper electrode weight:50 ± 2 gm. Test medium: Transformer oil Voltage application: 2KV steps at 20 seconds intervals. | ASTM D149 | Min.12KV/m | Conform |
| 2.1.6 | Chemical Resistance- Tensile strength Ultimate elongation | Immersion in the following liquids, one liquid per sample group. Na ₂ So ₄ 0.1N for 24 hrs NaCl 0.1N for 24 hrs H ₂ SO ₄ 0.1N for 24 hrs NaOH 0.1N for 24 hrs Fuel oil ASTMD396 No.1 for 24hrs. Petroleum Jelly for 168 hrs 70±2°C | ISO 175 2.1.1 2.1.2 | Min.125kgf/c m ² Min.150% | Conform |
| 2.1.7 | Environmental Stress Crack Resistance for 48 hrs. | Stress Crack Initiator; 10% Igepal CO 630 solution Immersion time; 48 hrs | ASTM D1693 | No cracking | Conform |

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|-------|---|---|---|---|---------|
| | | Test Temperature; 50±2°C | | | |
| 2.1.8 | Corrosive Effect for 16 hrs. | Copper Mirror Test Test temp: 120±2°C Test time: 16 hrs. | ASTM D2671 | No corrosion | Conform |
| 2.1.9 | Temperature indicating paint conversion | Condition a piece of sleeve at 250°C for 5 minutes Condition a piece of sleeve at 150°C for 30 minutes | 250°C for 5 minutes 150°C for 30 minutes | a) Total color change b) No color change | Conform |

The above information corresponds to our actual knowledge and are according to our knowledge is rendered correct and reliable. But they do not represent binding properties. Customers and end-users have to decide autonomously about application in the provided range. Under no circumstances is Red2go Pty Ltd liable for any eventual, indirect or consequential damages arising from the sales, resales, transfer, use or misuse of the product. Our Liabilities are limited to only in replacing products due to manufacturing defects.



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