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|--|-------|------------------------------|-------------------|------------|
| | 155°C | Anti-condensing Heating Tape | ISOPAD Strand IS- | ACM |
| | IP54 | | | |

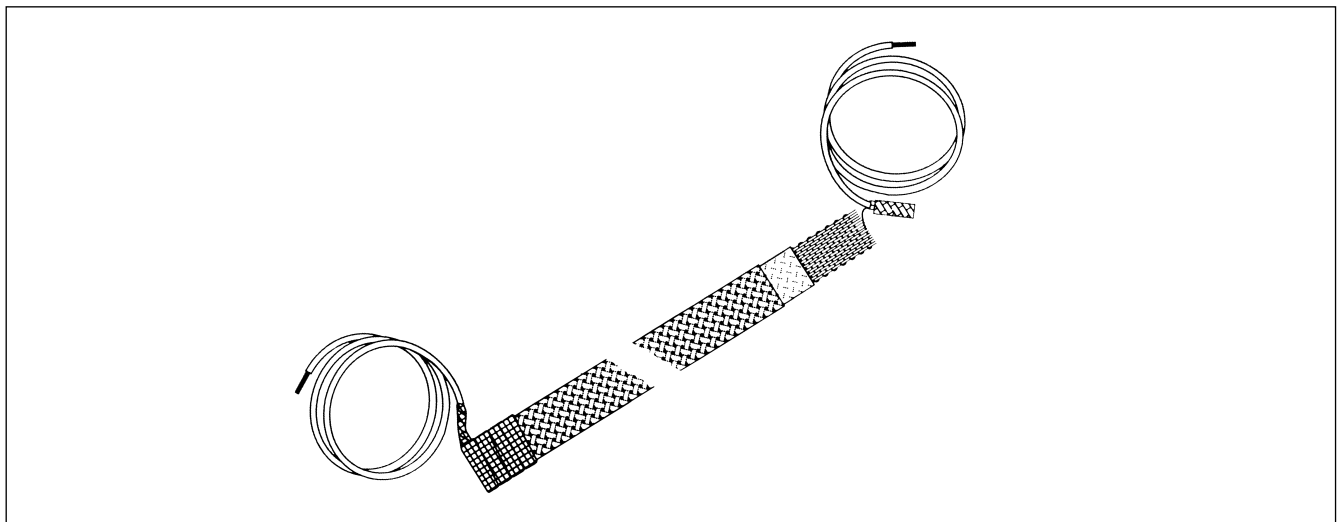
The ACM heating tape is specifically designed in conjunction with major motor manufacturers, to prevent condensation within rotating electrical equipment, such as electric motors, generators and even large shipboard alternators. The tapes are particularly valuable on motors which operate in damp or wet conditions. They offer a low-cost, easily fitted, benefit which can save the expense of costly re-winds and plant down time.

The range covers motor heating tapes for operation on 230 V, 115 V and 48 V, with length from 200 mm (8") up to 1702 mm (67").

ACMs are factory terminated heating tapes having a resistance element which is woven into a glass or polyester yarn carrier. The element/carrier assembly is sheathed in an acrylic adhesive backed, polyester film laminated glass fibre tape.

The tape is terminated with cold leads and a glass-fibre braid outer sheath completes the assembly. The tape is terminated with cold leads.

The appropriate ACM heating tape is fitted around the end of the motor windings and held in position using narrow gauge tape fixings (not cords). Normally one ACM heating tape is installed to each of the stator windings.

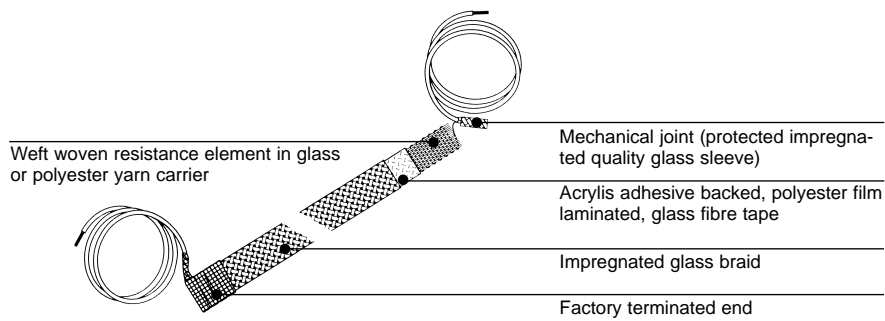


Specification

| | |
|---|-------------------------------------|
| Size | 16 mm wide x 2 mm thick |
| Wattage, Voltage, Length | Please see table next page |
| Area classification | Non-hazardous |
| Max. temperature | 155°C |
| Min. recommended installation temperature | 10°C |
| Min. bending radius | 30 mm |
| Min. tape spacing | 5 mm (between runs), no overlapping |
| IP-rating | IP54 |

Construction

| | |
|-----------------|---|
| Heating element | Nickel chrome or copper nickel, weft woven |
| Carrier | Glass or polyester yarn |
| Sheath | Acrylic adhesive backed, polyester film laminated, glass fibre tape |
| Outer sheath | Impregnated glass-braid |
| Cold-leads | 450 mm, each side |

Construction


Customized solutions upon request

Standard lengths and loadings table

| Type | Length (Ohm/m) | Std Motor Frame size | Watts | Voltage (V) | Part No. |
|------------|----------------|----------------------|-------|-------------|-------------|
| ACM 0B 'F' | 305 | 90 | 27 | 230 | 347 164-000 |
| ACM 1B 'F' | 432 | 100 | 28 | 230 | 337 962-000 |
| ACM 2B 'F' | 686 | 112 | 23 | 230 | 646 924-000 |
| ACM 3B 'F' | 686 | 132 + 160 | 44 | 230 | 215 434-000 |
| ACM 4B 'F' | 762 | 180 + 200 | 28 | 230 | 236 126-000 |
| ACM 5B 'F' | 1016 | 225 + 250 | 46 | 230 | 965 682-000 |
| ACM 6B 'F' | 1067 | 280 | 59 | 230 | 113 658-000 |
| ACM 7B 'F' | 1473 | 280 | 71 | 230 | 418 282-000 |
| ACM 8B 'F' | 1702 | 315 | 108 | 230 | 644 568-000 |
| ACM 0A 'F' | 305 | 90 | 24 | 115 | 422 416-000 |
| ACM 1A 'F' | 432 | 100 | 30 | 115 | 754 738-000 |
| ACM 2A 'F' | 686 | 112 | 23 | 115 | 122 040-000 |
| ACM 3A 'F' | 686 | 132 + 160 | 44 | 115 | 120 298-000 |
| ACM 4A 'F' | 762 | 180 + 200 | 27 | 115 | 513 882-000 |
| ACM 5A 'F' | 1016 | 225 + 250 | 43 | 115 | 440 108-000 |
| ACM 6A 'F' | 1067 | 280 | 55 | 115 | 061 654-000 |
| ACM 7A 'F' | 1473 | 280 | 73 | 115 | 899 918-000 |
| ACM 8A 'F' | 1702 | 315 | 113 | 115 | 586 352-000 |

Ordering details

| | |
|------------------|-----------------|
| Part description | See table above |
| Part No. | See table above |

www.isopad.de
www.tycothermal.com

Isopad – a brand of Tyco Thermal Controls GmbH.

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