

POLYESTER - MICA - UNI DIRECTIONAL GLASS THREAD - POLYESTER (PGMT TAPE)

Type : CM 36 EUGE (ENDWINDING INSULATION)

General description : This tape is four-ply insulation tape consisting of muscovite mica, unidirectional thread as longitudinal reinforcement and PET film on both side of the laminates.

Application : This tape is suitable for taping of the overhangs and connection of high voltage machines coils which have small bends.

Properties : is highly flexible. This flexibility allows tape for use on small bends and difficult shapes. Conductors and end windings which have been insulated with this tape can afterwards be shaped and formed without any mechanical damage occurring to the tape.

TYPE : CM26 EUGE

| Item | Unit | THICKNESS | |
|---------------------|------------------|---------------|-------------|
| | | 0.13 mm | 0.15 mm |
| Width | mm | 10 mm onwards | |
| Thickness, Tol | mm | 0.13 ± 0.01 | 0.15 ± 0.01 |
| Length / roll | M | 50 | 50 |
| Total Weight | g/m ² | 240±20 | 250 ± 20 |
| Mica Paper | g/m ² | 80 | 80 ~ 85 |
| Polyester film | g/m ² | 29 / 17 | 29 / 29 |
| Glass yarn | g/m ² | 30 | 30 |
| Binder content | % | 20 ~ 30 | 20 ~ 30 |
| Volatile content | % | ≤ 1.2 | ≤ 1.2 |
| Tensile strength | N/cm | ≥ 130 | ≥ 130 |
| Dielectric strength | NV / mm | ≥ 50 | ≥ 50 |
| Thermal Class | F | | |

Shelf life :

At temperature of 20 ± 5 deg CN - 6 month

At temperature of 5 deg C - 12 month

Delivery : usually delivered without interleaving in tapes form on standard core of ID 55mm and other ID cores size available on request.

Joints : usually tape is supplied without joints. However, 10% rolls may be supplied with 1 joints.

Health & safety : While processing this tape we recommend to follow all hygiene and safety standards