



TEXTINAP® BANDING TAPE

1/1

06/10

G 8

1 - CONSTRUCTION

- Tape which is made of twisted glass yarns parallel and impregnated with a thermosetting polyester resin class F in solvant environment and a thermosetting epoxy resin class H in aqueous environment.

The Epoxy resin flows a little less than the Polyester resin, so there is not the glossy appearance after finishing the banding.



2 - CHARACTERISTICS

| PRODUCT | UNIT | F | H |
|--------------------------------------|-------|---------------|---------------|
| - Resin rate | % | 27 +3 -2 | 28 +3 -2 |
| - Continuous use temperature | °C | 155 | 220 |
| - Thickness | mm | 0.30 ± 0.03 | 0.33 ± 0.03 |
| - Weight per meter/cm of width | g | 5.0 | 5.1 |
| - Loss of weight at calcination | % | 26 ± 3 | 27 ± 3 |
| - Number of yarns / cm | Nb | 28 ± 1 | 29 ± 1 |
| - Tolerance on width | % | ± 10 | ± 10 |
| - Breaking strength | N/cm | 2 000 | 2 000 |
| - Banding tension | N/cm | 750 | 750 |
| - Curing Cycles | hours | 4 h à 140 °C | 4 h à 160 °C |
| | | 6 h à 130 °C | 6 h à 150 °C |
| | | 10 h à 120 °C | 10 h à 135 °C |
| DURING APPLICATION | UNIT | F | H |
| - Breaking strength on bind per turn | N/cm | > 2 500 | > 2 500 |
| - at 20 ° C | N/cm | > 1 800 | > 1 800 |
| - at 155 ° C (F) - at 220 ° C (H) | % | 2.0 | 2.0 |
| - Elongation at break | % | 2.5 | 2.5 |
| - at 155 ° C (F) - at 220 ° C (H) | N/mm² | 50 000 | 50 000 |
| - Elasticity | N/mm² | 40 000 | 40 000 |
| - at 155 ° C (F) - at 220 ° C (H) | | | |

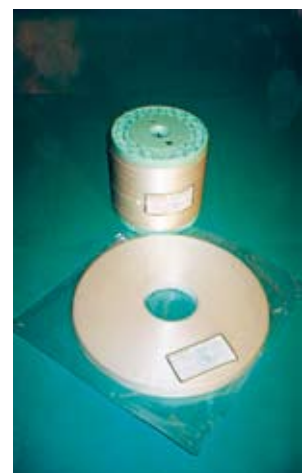
3 - APPLICATIONS

- Banding of induced parts of rotors, banding of inductor bobbins in traction motors, in transformers, in rotating machines.

- ADVANTAGES : Easy to use, good insulating properties, high tensile strenght. Electrical losses are reduced. High insulation, good resistance to humidity and corrosion.

4 - PRESENTATION

- Widths :
10 - 15 - 20 - 25 - 30 mm -other widths please question us.
- Conditioning :
- Roll of 200 m - Plastic reel inside diameter 80 mm .
- Bobbin DIN 160.
- Storage conditions :
20 months at 10°C - 10 months at 20°C - 6 months at 25/30°C.



The storage room must be frozen, ventilated, and must protect the tape from the light.