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## **Intertape® 4237**

Intertape® 4237 is a glass filament polyester tape with acrylate adhesive.

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### **Attributes**

High tensile strength glass filaments and conformable PET film coating with an aggressive adhesive for a variety of heavy duty insulating, banding and holding applications. 1.0 mil polyester film provides puncture, edge tear and abrasion resistance. Specially designed and intended for use in oil-filled transformers. Once thermoset, the acrylic adhesive offers superior resistance to chemicals, solvents and aging in addition to excellent dielectric strength and insulation resistance.

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### **Application**

Lead and saddle tie down, banding and bundling motor and transformer coils and coil covering.

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### **Standards**

UL-File-No.: E20780

CSA-File: LR94980

Exceeds as one of a very few products available the rigorous requirements of the ASTM D3455 „Test Method for Compatibility of Construction Material with Electrical Insulating Oil of Petroleum Origin“.

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### **Delivery forms**

- Width: from 2,5 mm in 0.1 mm increments
- Core diameter: 76 mm (3")
- Special widths on request

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### **Color**

Translucent

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### **Glue**

Acrylate

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### **Adhesive**

One-sided

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### **Storage**

12 months at room temperature. Adhesive tapes should be stored in a cool, dry place at approx. 20 °C and 50 - 60 % relative humidity. The storage period should not exceed 12 months.

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Updated 07/20



| General                          | Unit of measure |                                          |
|----------------------------------|-----------------|------------------------------------------|
| Type/ Ordering information       |                 | Intertape® 4237                          |
| Standard colours                 |                 | Translucent                              |
| Backing                          |                 | Polyester film glass filament reinforced |
| Backing thickness                | mm              | 0.114                                    |
| Adhesive                         |                 | Acrylate thermosetting                   |
| Total thickness                  | mm              | 0.180                                    |
| Elongation at break              | %               | 7                                        |
| Insulation resistance            | MΩ              | 10 <sup>6</sup>                          |
| Electrolyt. corrosion value      |                 | Direct 1.0/A, 1                          |
| Thermal class                    |                 | 155 °C (F)                               |
| Dielectric strength              | kV              | 5                                        |
| Tensile strength                 | N/cm            | 516                                      |
| Adhesiveness / Adhesion to steel | N/cm            | 4.9                                      |

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