

# Adhesive tapes

## Intertape 4238

- ▶ Ultra high tensile strength
- ▶ Tacky adhesive on all insulation material
- ▶ High puncture resistance
- ▶ High abrasion and edge tear resistance
- ▶ Outstanding resistance to oils for transformers (shell , Nynas, Esso, Apar, Savita)

|                       |         | Value                           | Test norm  |
|-----------------------|---------|---------------------------------|------------|
| Thickness             | mm      | 0.19                            | ASTM-D1000 |
| backing thickness     | mm      | 0.165                           | ASTM-D1000 |
| Colour                |         | transparent                     |            |
| Backing               |         | Polyester film / glass filament |            |
| Tensile strength      | N/25 mm | 1647                            | ASTM-D1000 |
| Elongation            | %       | 7.5                             | ASTM-D1000 |
| Adhesive              |         | Acrylic                         |            |
| Adhesion to steel     | N/25 mm | 12.25                           | ASTM-D1000 |
| UL file #             |         | E 20780                         |            |
| CSA file              |         | LR 94980                        |            |
| Corrosion factor      |         | A 1.0                           | ASTM-D1000 |
| Flammability          |         | BU 2                            | VDE 0304   |
| Insulation class      | °C      | F / 155                         | ASTM-D1000 |
| Breakdown voltage     | V       | 6000                            | ASTM-D1000 |
| Insulation resistance | MOhm    | 10E4                            | ASTM-D1000 |

### General description

High tensile strength, conformable backing with aggressive adhesive for a variety of heavy duty insulating and holding applications. A 1.4 mil polyester film gives high puncture resistance, high abrasion resistance and resistance to edge tear. This tape is very resistant to chemicals, solvents and ageing, and offers high dielectric strength and insulation resistance. The product is resistant to following transformer oils: Shell Diala F, Ninas 10 vetro GBN, Esso BP univolt 50, Silicon Oil Dow Corning 561A, Apar, Savita oils according to IEC 60296.

### Application

- As construction tape, extensively used for various holding functions in medium-size and large-size dry type and oil transformers

- heavy-duty holding, banding, bundling, anchoring, reinforcing functions

### Storage Conditions

For the best shelf time storage temperature should be:

15°C to 25°C  
relative humidity: 40% +/- 30%

### Shelf life

4238 can be stored at room temperature for at least 24 month.

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