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## Isotape® 4419PV3

Isotape® 4419PV3 is a polyimide tape with silicone adhesive.

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### Attributes

Isotape® 4419PV3 is manufactured from 2 mils high performance polyimide film with special silicone adhesive.

- Excellent mechanical and electrical properties
- High conformability
- Good adhesive property, excellent holding and wrapping request

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### Application

- Insulating coils at high temperature
- Generators
- Capacitors
- Transformers

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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

Transparent brown

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### Glue

Silicone

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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 05/24



| General                          | Unit of measure |                   |
|----------------------------------|-----------------|-------------------|
| Type/ Ordering information       |                 | Isotape® 4419PV3  |
| Standard colours                 |                 | Transparent brown |
| Backing                          |                 | Polyimide film    |
| Backing thickness                | mm              | 0.050             |
| Adhesive                         |                 | Silicone          |
| Total thickness                  | mm              | 0.090             |
| Elongation at break              | %               | 60                |
| Thermal class                    |                 | 200 °C (N)        |
| Dielectric strength              | kV              | 8.0               |
| Adhesiveness / Adhesion to steel | N/cm            | 2.8               |
| Tensile strength                 | N/cm            | 102               |
| Temperature range                |                 | -73 up to +260 °C |

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