

TECHNICAL DATA

VIDATAPE® S - Woven Polyester Tape, High-Shrink

DESCRIPTION

Woven tape constructed from a plain weave of high-shrink PET yarns.
When subject to elevated temperatures, linear shrinkage up to 20% will occur.
Vidatape® S exhibits excellent handling characteristics, with no hazard to operator's skin.

APPLICATIONS

Vidatape® S is employed as a consolidating and finishing tape in a wide range of electrical equipment rated up to Class F (155°C) temperature rise.

Due to its high shrinkage, Vidatape® S is used in conjunction with resin rich micapaper composites, such as Novobond®, Novofilm® and Kremica.therm® to achieve consolidation and bonding. Typical examples of this are:

- Applied to the coil slot portion prior to the press operation to improve consolidation in the corners.
- Applied from the end of the coil pressed section 75 – 100mm along the coil end winding to assist consolidation and absorb excess resin from the pressed slot.
- Applied through the end winding to achieve consolidation.

PHYSICAL PROPERTIES

Specification	BS EN 61068-3-1: 1996, IEC 1068-3-1: 1995
Standard thickness	0.13mm
Tolerance on thickness	+0.04mm - 0.01mm
Standard widths	13, 20, 25, 30, 38, 50mm
Tolerance on width <25mm	± 1.0
Tolerance on width >25mm	± 1.5
Tensile strength @ 20°C	25 N/mm
Temperature classification	155°C (Class F)
Maximum short-term temperature	200°C (Class N)
Centre identification line	Black
Standard roll length	50 metres (Others on request)
Standard centres	12mm cardboard (Others, including machine on request)

HEALTH & SAFETY

Before use, please refer to Material Safety Data Sheets (MSDS).

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