
Polyester shrinkage tape

Polyester shrinkage tape is made of 100 % endless, colourless polyester silk wound with solid edges.

Attributes

The inelastic, textile tape is additionally characterised by its high mechanical strength and abrasion resistance even at higher temperatures. Use in class F systems when combined with suitable resins is therefore possible.

Application

The polyester shrinkage tape is often used for fixing or bandaging the winding heads of electric machines, since the tape shrinkage additionally increases the packing density of the winding during hardening.

Furthermore, it is used to fix windings, coils and rods in electric machines and transformers. It is occasionally used as filling material, for example in cables.

Delivery forms

Tape widths Formats

| | |
|----|--------------|
| 10 | 1000 m spool |
| 15 | 100 m roll |
| 20 | 100 m roll |
| 25 | 100 m roll |
| 30 | 100 m roll |
| 40 | 100 m roll |

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.

Updated 03/19



| General | Unit of measure | | | | | | |
|-------------------------------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Width | mm | 10 | 15 | 20 | 25 | 30 | 40 |
| Thickness in the middle of the tape | mm | 0.16 ± 0.03 | 0.16 ± 0.03 | 0.16 ± 0.03 | 0.16 ± 0.03 | 0.16 ± 0.03 | 0.16 ± 0.03 |
| Thickness at the edges of the tape | mm (max.) | 0.22 ± 0.03 | 0.22 ± 0.03 | 0.22 ± 0.03 | 0.22 ± 0.03 | 0.22 ± 0.03 | 0.22 ± 0.03 |
| Tear force | N | 255 | 335 | 450 | 560 | 680 | 900 |
| Tape weight | g/m (min) | 1.12 | 1.68 | 2.24 | 2.80 | 3.36 | 4.48 |
| Shrinkage hot air 160 °C | % | appr. 9 | appr. 9 | appr. 9 | appr. 9 | appr. 9 | appr. 9 |

| General | Unit of measure | test method |
|-------------------------------------|-----------------|--------------------|
| Width | mm | DIN EN 1773 |
| Thickness in the middle of the tape | mm | DIN EN ISO 5084 |
| Thickness at the edges of the tape | mm (max.) | DIN EN ISO 5084 |
| Tear force | N | DIN EN ISO 13934-1 |
| Tape weight | g/m (min) | DIN EN 12127 |
| Shrinkage hot air 160 °C | % | |

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
Updated 03/19

