
SynTape® H.564

SynTape® H.564 is a SynTherm® YT511-based, flexible aramid adhesive tape with synthetic rubber adhesive and is permeable to impregnating agents thanks to a strip-shaped adhesive application (depending on the material used).

Attributes

Due to the strip-shaped adhesive application, SynTape® H.564 is very easy to process and offers high dielectric strength and a solidified winding after the impregnation process, which leads to improved heat dissipation and quality improvement of the end product.

Application

SynTape® H.564 is used as winding head fixation, insulation and for phase separation. SynTape® H.564 is also used for masking self-supporting coils and as strain relief for supply lines. Due to the carrier material used, SynTape® H.564 is preferably used in products that have to guarantee high thermal stability - SynTherm® YT511 corresponds to thermal class H and has a UL94 V-0 classification.

Standards

RoHS-compliant acc. 2011/65/EU.

Delivery forms

- in tapes: from 2.5 mm width
- in rolls: up to 300 mm width
- standard length 50 m, other lengths on request
- core diameter 3" / 76 mm

Glue

Rubber adhesive

Adhesive

one-sided

Storage

Adhesive tapes should always be stored in a cool, dry place at approx. 20 °C and 50 - 60 % relative humidity. The storage time should generally not exceed 6 months.

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 10/18

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SynTherm® is a registered trademark of SynFlex.



| General | Unit of measure | |
|----------------------------|-----------------|--|
| Type/ Ordering information | | H.564 |
| Standard colours | | Nature |
| Backing | | SynTherm® YT511 |
| Adhesive | | Synthetic rubber adhesive, covered in stripes on liner |
| Backing thickness | mm | 0.130 |
| Adhesive tape width | mm | 1,6 - 2,0 |
| Adhesive tape distance | mm | 2.0 - 2.4 |
| Tensile strength | N/cm | 25 |
| Total thickness | mm | 0.190 without liner |
| Adhesiveness / AFERA | N/cm | > 2- Note: Higher adhesive strength, but fleece splits when pulled off |
| Thermal class | | depends on the impregnant applied |
| Elongation at break | % | 2 |

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