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## 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).

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### 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.

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### 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.

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### Standards

RoHS-compliant acc. 2011/65/EU.

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### Delivery forms

- in tapes: from 12 mm width
- in rolls: up to 300 mm width
- standard length 50 m, other lengths on request
- core diameter 3" / 76 mm

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### Glue

Rubber adhesive

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### Adhesive

one-sided

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### 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.

| 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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Updated 10/18

