SynFlex Elektro GmbH
Auf den Kreuzen 24
D-32825 Blomberg Germany
Telefon +49-5235-968-0
E-Mail info@synflex.de

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 12 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.

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Updated 10/18

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SynTherm® is a registered trademark of SynFlex.

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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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