



BHT-HF Tape

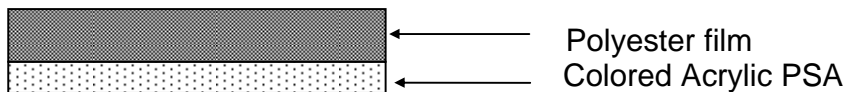
1 . Description

BHT-HF tape is mainly for the lithium ion secondary batteries manufacture with holding and insulation application. The tape is the polyester film uniformly coated with Yellow acrylic pressure sensitive adhesive (PSA), which is specifically designed with excellent solvent resistance to fulfill under the electrolytic solution's environment. It could be operated not only by manual but also by auto-taping machine. It meets halogen free requirement.

2. Tape construction

Backing: Polyester film

Adhesive: Colored Acrylic PSA



3. Physical Properties

Test Items	Unit	Typical Value
Total Thickness ¹	mm	0.040
Breaking strength	N/cm	35
Dielectrical Breakdown	KV	4
Adhesion (180 deg peel) ²	N/cm	2
Solvent resistance ³	-	Pass

Test Method ASTM D-1000

1. Thickness, Diameter: 5mm thickness gauge
2. Peel Adhesion: Substrates Stainless Steel, Apply condition 2kg roller back and forth once. Dwell time 20 min. Speed: 304 mm/min.
3. 3M test method

Remarks: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

3M is a trademark of 3M.

Important Notice

All statements, technical information and recommendations related to the Seller's products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use.

Any statements or recommendations of the Seller which are not contained in the Seller's current publications shall have no force or effect unless contained in an agreement signed by an authorized officer of the Seller. The statements contained herein are made in lieu

of all warranties, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose which warranties are hereby expressly disclaimed.

SELLER SHALL NOT BE LIABLE TO THE USER OR ANY OTHER PERSON UNDER ANY LEGAL THEORY, INCLUDING BUT NOT LIMITED TO NEGLIGENCE OR STRICT LIABILITY, FOR ANY INJURY OR FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES SUSTAINED OR INCURRED BY REASON OF THE USE OF ANY OF THE SELLER'S PRODUCTS THAT WERE DEFECTIVE.



Electrical Market Division

<http://www.3M.com/elpd>

© 3M 2009, Feb.