



45 bk Electrical Tape

Polyester Film/Glass Filament Reinforced with Rubber, Pressure-Sensitive Adhesive

Data Sheet

- UV resistant due to black surface coating
- High tensile strength
- High dielectric strength
- Class A (105°C)

3M™ Electrical Tape 45 is a black polyester film/glass filament tape coated with a pressure-sensitive rubber adhesive system. The polyester film/glass backing has excellent physical and electrical characteristics.

Typical applications for 45 includes cable bundling, bandling of coils and other uses where high tensile strength is needed. UV resistance for outside applications.

Properties	Typical Value*
Thickness ¹	0,20 mm
Breaking Strength ¹	700 N/10 mm
Elongation	3%
Adhesion to Steel ¹	5 N/10 mm
Dielectric Strength ¹	5000 V
Temperature Class	105°C

*Not recommended for specification purposes. Product specifications will be provided upon request.

¹ASTM D-1000 Test Method

²3M Test Method

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 Products Division

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

© 3M 2001