

**POLYESLINE S.L.**

Polígono Industrial "Els Mollons". C/ Tapissers, 4 – 46970 Alaquas, Valencia –Spain.

Tel: 0034 96 006 65 10 e-mail: [comercial@polyesline.com](mailto:comercial@polyesline.com)Web site: [www.polyesline.com](http://www.polyesline.com)**Technical Datasheet - Metric Units****Kaladex® 2000****Product Description**

Kaladex® 2000 is a biaxially oriented PolyEthylene Napthalate (PEN) film. PolyEthylene Napthalate (PEN) is a high performance polyester that offers many enhanced properties such as strength, heat resistance, hydrolysis resistance, dimensional stability and low oligomer extraction, while maintaining the ease of processing found with standard PolyEthylene Terephthalate (PET) films. Kaladex® 2000 is a lightly filled film to give good handling properties and is currently available at a range of thicknesses between 16-125µm.

Kaladex® is the trademark for a range of PolyEthylene Napthalate (PEN) films from Mylar Specialty Films.

**Typical Applications**

Kaladex® 2000 can be used in a wide range of electrical and electronic applications such as capacitors, motors, transformers, flexible printed circuits and fuel cells, as well as many industrial applications where the enhanced properties over standard PET films offer benefits.

**General Information**

Kaladex® 2000 can withstand a broad range of temperatures and has good resistance to moisture and most chemicals. It contains no plasticisers and will not become brittle with age under normal conditions. As per Article 3(3) of the REACH regulation (EC) No 1907/2006 Kaladex® 2000 film is classified as an article. There are no substances intended to be released from the above film under normal, reasonably foreseeable conditions of use, as defined by Article 7(1).

**Food Contact Advice**

Kaladex® 2000 has not been assessed against Food Contact Legislation.



**POLYESLINE S.L.**

Polígono Industrial "Els Mollons". C/ Tapissers, 4 – 46970 Alaquas, Valencia –Spain.

Tel: 0034 96 006 65 10 e-mail: [comercial@polyesline.com](mailto:comercial@polyesline.com)

Web site: [www.polyesline.com](http://www.polyesline.com)

**Disposal Advice**

Disposal of Kaladex® 2000 does not present special disposal problems. Where waste occurs in a clean, uncontaminated form it can be recycled. In most circumstances, once Kaladex® 2000 has been laminated, coated, printed or metallised, incineration with Energy Recovery is the most environmentally efficient recovery route. Kaladex® 2000 can also be burned in an incinerator with normal refuse or can be buried as a relatively inert material in a landfill. The disposal method should comply with appropriate local and country regulations.

The information provided in this Product Information Sheet corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the typical range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Mylar Specialty Films cannot anticipate all variations in actual end-use conditions Mylar Specialty Films makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights. Caution: Medical device applications incorporating Mylar®, Melinex® or Kaladex® films must be reviewed and approved under Mylar Specialty Films Medical Device Policy. Mylar®, Melinex® and Kaladex® films are not intended for implantation in the human body. For other applications, please contact your Technical Service Representative for more details. Copyright © 2025

Mylar Specialty Films, Melinex®, Melinex® ST™, Mylar® and Kaladex® are registered trademarks of Mylar Specialty Films U.S. Limited Partnership. All rights reserved.