

TAPES & MORE STICK TO PERFECTION



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**BIMEKS IS
LOCATED AT THE
CROSSROADS
OF THE MODERN
WORLD**

About Us

Bimeks was established in 1991 and since then, it has been giving direction to its sector by providing professional solutions, to a vast range of industries in the area of adhesive tapes.

TAPES & MORE

During the development stage, among many kinds of adhesive tapes; printing plates, printing machines, polyester and polycarbonate films were also added to the product range, leading to an expansion in service network.



Apart from providing support to industry, Bimeks is also conveying adhesive solutions in specially designed packages for household consumption through retail channels. Bimeks has the capacity to meet unique demands with a full scale production line and increasing export volume in Europe, Asia and Africa. Starting from January 2017, Bimeks has moved to its latest production plant located in Istanbul-Tuzla Organized Industrial Area in Turkey.



Quality

Bimeks has been investing on the best and the latest technological equipment to be efficient and productive.

LAB

As quality being our primary concern, Bimeks has invested on a fully equipped laboratory. All kinds of quality control tests including climate cycle tests are being conducted. Full record of deliveries are under control of Bimeks' trackable quality system.

Thus, Bimeks bring the goods to use only after the approval of the products by our experienced staff from the aspect of many factors such as adhesion, strength and durability to external conditions, at our in-plant laboratory.

“Quality requires precision, experience and dedicated teamwork that's why with Bimeks you can always STICK TO PERFECTION”



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ACRYLIC FOAM TAPES

Acrylic foam tapes differentiate from others by their unique pure acrylic composition. Therefore, after curing period is completed, these tapes can achieve a maximum strength level which other tapes cannot reach.

Tapes, for this segment, users have the following options to accommodate their needs:

Carrier Color – Transparent, Grey, White, Black

Carrier Thickness – starts from 100microns and above

Liner Type – PP film, PE film or Paper

Liner Color – Red, Blue, White

There are tape options to resist UV, chemicals, heat, and humidity.

Acrylic Foam Tapes can be used on outdoor applications, with their superior resistance to weather conditions.

FOAM TAPES



Foam Tapes can be used for permanent fixing or to dampen shock, vibration, and noise.

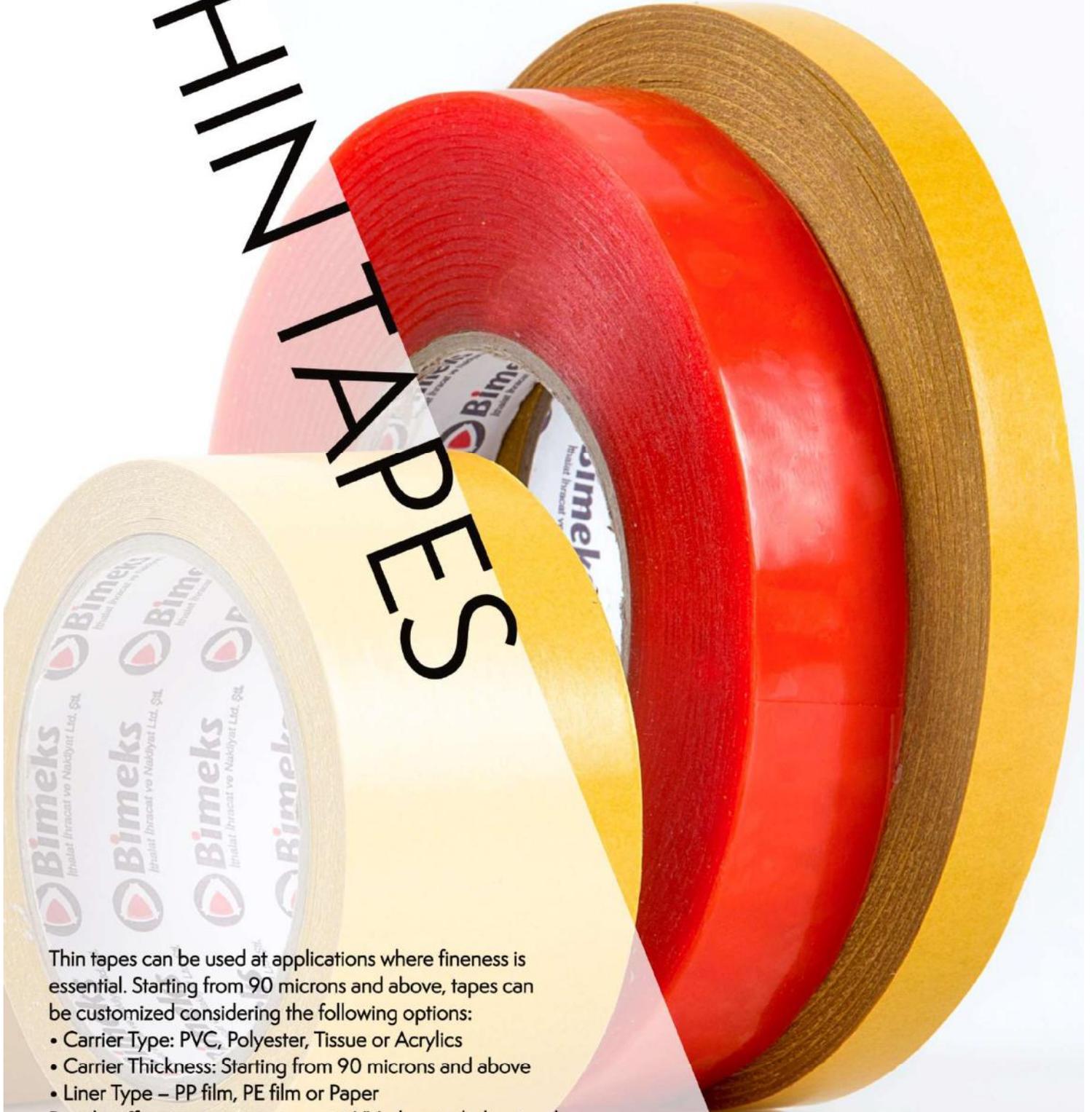
Bimeks offers foam tapes for indoor as well as for outdoor applications in which tapes can withstand UV, chemicals, heat, and humidity.

Customers of Bimeks have the privilege to customize foam tapes according to their needs for the best result.

- Foam Type – PE/EPDM/EVA etc.
- Foam Thickness – 0,5 mm and above
- Liner Type – PP film, PE film or Paper
- Foam Color – White or Black

Spoolers allow the production of rolls above 1000 meters of tape on single core.

THIN TAPE



Thin tapes can be used at applications where fineness is essential. Starting from 90 microns and above, tapes can be customized considering the following options:

- Carrier Type: PVC, Polyester, Tissue or Acrylics
- Carrier Thickness: Starting from 90 microns and above
- Liner Type – PP film, PE film or Paper

Bimeks offers tape options to resist UV, chemicals, heat and humidity.

There are options for both indoor and outdoor applications.

Rolls can be customized according to user needs to optimize production process.

Spoolers allow the production of rolls above 10.000 meters of tape on single core for continuous production.

REPULPABLE SPLICING TAPES



During the production of some specific consumer goods, raw materials exist as large rolls and in order to provide continuous production these rolls must be spliced on each other with special repulpable tapes that vanish in the process. These tapes differ in terms of technical properties as well as production methods.

Repulpable tapes are part of the innovative solutions that Bimeks is presenting to the market with years of experience.





SPLICING TAPES

There are countless materials such as boxes, toilet papers etc. which are present as large rolls at some point during their production process. To provide continuous production these rolls are spliced on each other with special tapes which can be either single or double sided. This application can be done manually as well as automatically through sensors. Bimeks offers both solutions as part of its service network.



PLATE MOUNTING TAPES



Products are sold worldwide with attached labels or visuals indicating their brand or origin. These labels can be produced through flexo or letterpress printing techniques in which plates are attached to printing machines by plate mounting tapes. According to varying factors which are aniloxes, cylinders, sleeves, ink types etc. different kinds of plate mounting tapes are preferred depending on their thickness, degree of softness and texture etc.

Bimeks offers plate mounting tapes with following options:

- a) Hard mount tapes 100-300 microns
- b) Cushion mount tapes 380-500 microns
- c) Fabric tapes

Hard mount tapes bring optimum results on all print jobs. Cushion products use special adhesive technology on both sides. This allows a strong contact between the tape and the plate during the printing process, providing great solvent and chemical resistance. Our special adhesive formulations allow for easy repositioning during the application of the plate onto the cylinder or sleeve. Once the print run is completed the adhesion technology also allows a clean, residue-free removal from the plate and cylinder.

INSULATION TAPES



Insulation tapes provides protection against heat changes, shocks, noise and vibration. Foam type, thickness and adhesive type can be customized according to requirements.

- Foam Type – PE/EPDM/EVA etc.
- Foam Thickness – 0,5 mm and above...
- Liner Type – PP film, PE film or Paper
- Foam Color – White or Black

Rolls can be produced with different width and length.



OTHER TAPES

Bimeks offers a wide range of other tapes. For more details you can reach us via our contact information.



Duct Tapes



Aluminium Tapes



Anti Slip Tapes



Masking Tapes



Velcro Tapes



Carpet Tapes



RETAIL PRODUCTS

Bimeks is also conveying industrial solutions in specially designed packages for household consumption through retail channels.





POLYESTER & POLYCARBONATE FILMS

Bimeks offers polyester and polycarbonate films for versatile purposes. These films have special surfaces that are compatible either with silk screen printing or UV ink printing. Polyester and polycarbonate films are used to produce membrane switches for machines, screens for white goods, signs for advertising industry etc. Polyester films differentiate from polycarbonate films by their superior heat and scratch resistance. Both products are available in different thicknesses starting from 150 microns and above.

PRINTING PLATES



Bimeks is a solution partner of printing and packaging sector, working with flexo and letterpress printing systems, with photopolymer printing plates. Torelief and Aquaflex water wash photopolymer plates are produced in a wide variety of types and sizes, and to the highest standards. They are quick and simple to make and easy to use; offering superior ink transfer with lower ink consumption and long, consistent press runs. Our plates are processed using water wash technology with no harsh chemicals. Our specially developed Aquaflex range of processors ensures our plates enjoy the fastest wash times in the world today giving you repeatedly excellent results.

PRINTING PLATES



Flexo Printing Solutions

Bimeks has solvent-free solutions for flexographic applications. Our water-wash, photopolymer plates give consistent results every time, finer resolution, deep reverses, and excellent ink transfer. Our plates are compatible with water, UV and solvent-based inks - available in Digital and Analogue formats.

Rapidoflex is our latest UV flexo plate. Rapidoflex is solvent-free and press-ready in under 20 minutes; the fastest flexo plate on the market.

Letterpress Printing Solutions

For letterpress solutions our Torelief water-wash plate range is available in both Digital and Analogue formats and gives consistent results, wide latitude, finer resolution, deep reverses, durability and ink transfer. Torelief DHX4 Analogue & Torelief Precision Digital plates can be used for all letterpress, semi-rotary and dry offset applications. Torelief Analogue plates can be made by exposing the image using matt negative films. Torelief & Torelief Precision Ultra High Resolution plate materials have been specially developed to meet the growing demand from the industry for ever finer reproducibility. The new technology employed in the formulation of these materials allow the user to obtain a sharp and accurate printed result. This specifically formulated plate will produce a very fine screen ruling and gives trouble-free performance on press.





SCREEN PRINTING

Bimeks has recently invested in latest technology silk screen printing machines. Thus, signs for advertising industry, membrane switches and inlays, which are part of screens of white goods like washing machines or dryer machines etc., are now part of Bimeks service network.



PRODUCTION

Coating Line

Bimeks' coating line is designed with advanced technology and know-how, covering the wide range of process technologies involved making it perfectly suitable to supply users with equipment featuring the highest and most consistent performance.

Winding & Lamination

Bimeks is winding & rewinding all kinds of adhesive tapes with correct tension and length. We transfer these products on to our own siliconised film liner systems, laminate films, foams, and adhesives together to meet various customer demands.

Spooling

Our spooling system for adhesive tapes has the capacity to provide rolls with very long strips of tapes reaching up to 10.000 meters on single core, for continuous manufacturing. This provides an important advantage for customers who develop their manufacturing techniques for industry 4.0; as the technique provides a cost advantage and automation possibilities.



PRODUCTION

Laser Cut

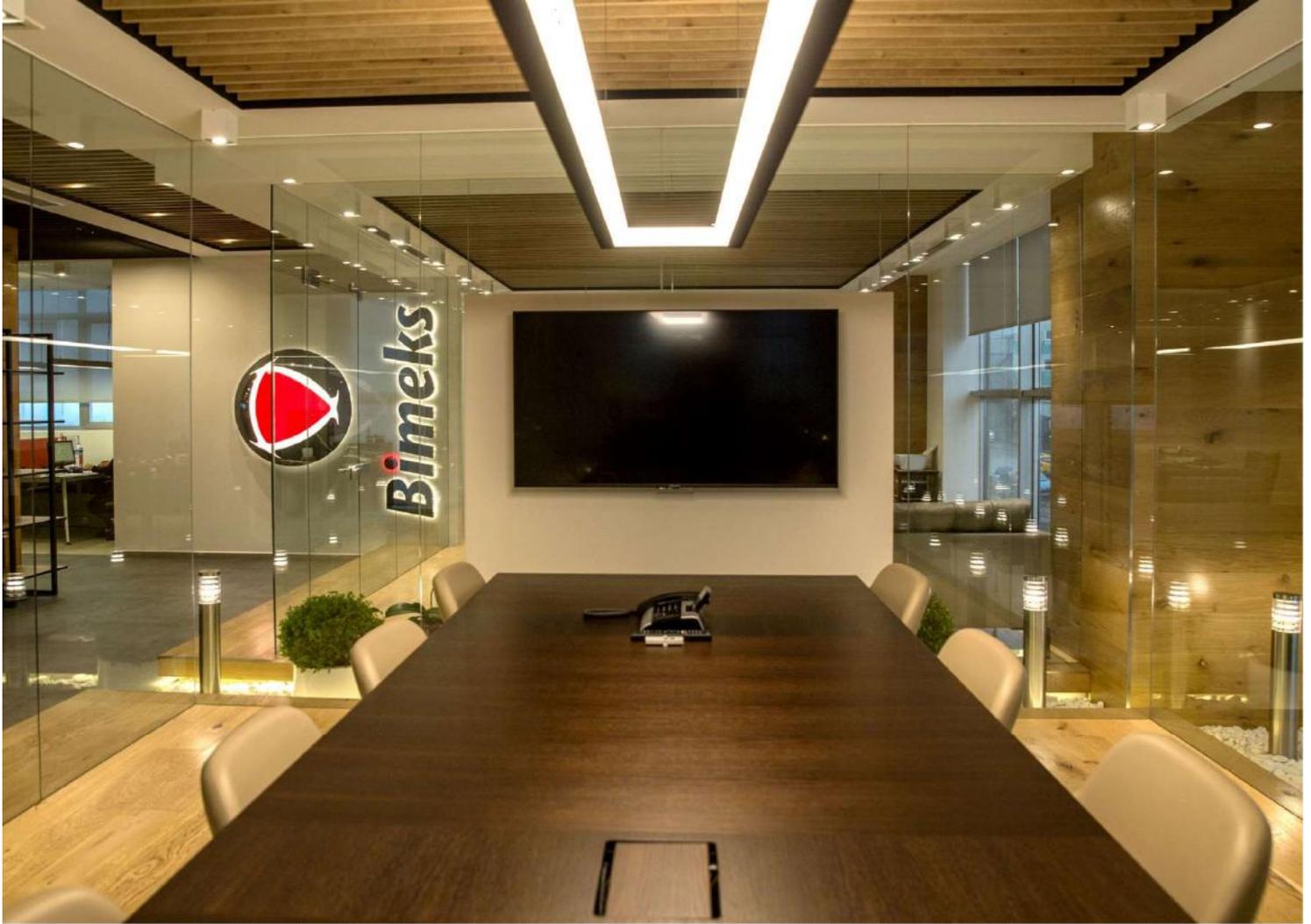
This method of conversion offers the greatest level of customization of our products to your requirements. Our galvo head lasers are the perfect tools for cutting small, complicated geometries or features; which enable us to create tolerances and shapes not previously possible with traditional tooling and also reduce development costs and lead times.

Lathe Cutting

Our slitting machines are capable of producing the rolls, accurately in any width. All kinds of materials can be converted from logs to rolls using lathe slitting techniques to suit end user requirements.

Die-Cutting

Our flat-bed die cutters can accommodate high volume manufacture, basic shapes or intricate designs with very large or very tiny profiles. It is cost effective for high volume or large size applications.



QUALITY CERTIFICATES

