

Product Group Guide

trans link

Transfer adhesives for adhesive backing and laminating.

Available in thickness' from 25 to 250 microns. The translink range is very broad based, so as to provide a number of potential solutions to the customer, for a very wide variety of applications. Select the adhesive class and thickness, to optimise the finished products performance. Applications include adhesive backing of back-lit graphics, polishing abrasives and felts, go-kart and motocross decals, acrylic lettering.

- High clarity and light transmission, as no fibre reinforcement is used.
- Good all round temperature, aging and environmental resistance.
- Low out gassing, for the automotive and electronics industries.
- Unique solvent free technology.
- Comprehensive range of products.

pro link

Clear, acrylic bonding films.

Available in thickness' 50 to 3000 microns. Prolinks are specifically designed to provide very high performance bonding, fixing and mounting of assembly parts, where historically wet glues, screws and other mechanical fixings may have been required. Used very widely in the glass, glazing, transport and signage industries. Applications include liquid resin laminating systems, post and panel signs, truck and bus assembly, light boxes, white goods construction.

- Highly elastomeric, for vibration and frequency absorption.
- Designed for both metals and plastics.
- Products have good tack for assembly purposes, helping to reduce dwell times.
- Good clarity.
- Very high temperature, UV, aging and environmental resistance, ideal for exterior use.
- Special products for low energy surfaces.
- Activator system (prelink rs), to further improve performance.

flex link

Acrylic foam bonding films.

Available in thickness' 400 to 1100 microns. Flexlinks are acrylic foams, designed to provide very high performance bonding, fixing and mounting of assembly parts, where historically wet glues, screws and other mechanical fixings may have been required. Utilised widely in signage and transport industries, where the cellular nature of these products help provide a compressible gasket and seal, in addition to fixation. Applications include mounting of acrylic lettering, metal ribs for flat panels, metal surrounds to acrylic sheet, auto decals and mouldings, white and consumer goods assembly.

- 100% acrylic foam mass, without kernel, provides good conformability, gap filling and sealing functions.
- Good initial tack, helping to reduce dwell times.
- Cellular structure absorbs tension along the bond line, caused by vibration or differing expansion co-efficients.
- Good moisture and chemical resistance, ideal for exterior use.

uni link

Double coated tapes, with a variety of carriers.

Available in thickness' 130 to 500 microns. The Unilink range is a comprehensive resource for all fixing and mounting applications, where a carrier is required, for dimensional stability, converting, die cutting or as a barrier film, to migration. PET film is most commonly utilised, as this provides good clarity, dimensional stability and all round environmental resistance. Both pure and acrylic adhesive classes are utilised, in many depositions, so as to provide for a very wide array of potential uses. Applications include mounting of nameplates and decals, fixing plastic and decorative trims.

- Good converting and die cutting opportunities.
- Unique solvent free technology and high performance.
- Low outgassing.
- Good temperature, UV and environmental resistance, ideal for exterior applications.

foam link

Double coated tapes, with polyolefin foam carriers.

Available in thickness' 0.5 mm to 5 mm. A broad based range, comprised of several thickness, density and adhesive class combinations. Utilised very widely in the building, glass and glazing, POS (point of sale), automotive and white goods industries. The closed cell nature of the foams we use, provide very good sealing, gap filling and gasketing qualities. Applications include auto badges, security glazing, panel glazing, polycarb roofing systems, liquid resin lamination, point of sale, assembly pads, truck and bus assembly.

- High quality products, utilising medium and high density, polyolefin foam carriers.
- Closed cell foam provides good sealing and thermal conductivity figures.
- High adhesive deposition ensures a good balance between high adhesion and cohesion.
- Broad based, core product range.
- Unique solvent free adhesive technology, provides high environmental resistance.

re link

Removable adhesive tapes, clean peel and perm/peel products.

BIOLINK's unique technology, enables us to produce a range of single and double coated, controlled peel products, designed for clean, residue free removal, even after extended periods in situ. This range can provide a variety of adhesive levels, ranging from 1 N, designed to provide temporary fixing of smart cards, to 10 N, designed to provide relatively high adhesion and shear strength. All will remove, without residue, after prolonged periods in situ, even when exposed to UV and other environmental factors. Applications include masking of parts during powder coating, protection of bright parts, mounting of protection pads, as an application tape for auto badges, mounting of shop front and window graphics, temporary fixing in print finishing and direct mail companies, mounting of smart cards.

- Good clarity.
- Adhesion level is selectable, according to the application.
- Special adhesives provide comparatively, good adhesion and cohesion.
- The adhesive is stable and consistent throughout it's life in situ.
- Unique, clean peel, residue free removability.
- Peel adhesion levels available, 1, 3, 5, 7, 9 & 10 N/25 mm

net link

Scrim reinforced transfer adhesives.

Designed primarily for adhesive backing and laminating of cellular foams. The integrated scrim provides good dimensional stability to the finished foam parts, whilst also helping processing and handling. The acrylic adhesives utilised are designed to provide very high levels of adhesion, necessary for the wide variety of foam types and cell structures that it is required to adhere to. For uneven and structured surfaces, two high deposition products are provided. Used widely for foam parts in the automotive, transport and electronics industries, where only an acrylic adhesive can provide the aging, shear, UV, chemical, temperature and environmental resistance that is necessary.

- Acrylic adhesives providing the tack levels of rubber based systems.
- High adhesive deposition, ensures instant tack even to structured surfaces.
- Good all round performance, far higher than rubber based systems.
- Good resistance to migratory chemicals.

custom link

Customer driven, application engineered solutions.

An opportunity for the customer to work with BIOLINK, to design a unique adhesive product, specifically for his needs, requirements and specification. Work with our in-house R&D team, to solve present adhesion problems, adapt rapidly to change, improve and optimise processing, enhance production efficiency and move your product confidently into the future. Adhesive solutions today for the applications and products of tomorrow.