



BIOLINK

specialty tapes

BIOLINK TAPES ARE
ENVIRONMENTALLY FRIENDLY
SOLVENT-FREE, HIGH PERFORMANCE ACRYLIC TAPES



BIOLINK SPECIALITY TAPES AUSTRALIA ARE THE EXCLUSIVE
DISTRIBUTOR FOR BIOLINK ADHESIVE TAPES

MANUFACTURED IN GERMANY

& DISTRIBUTOR FOR

SAINT GOBAIN NORBOND ACRYLIC FOAM TAPES

ABOUT US

BIOLINK SPECIALTYTAPES AUSTRALIA ARE AN EXCLUSIVE DISTRIBUTOR FOR THE BIOLINK BRAND OF TAPES MANUFACTURED IN GERMANY.

Based in Melbourne, we have been in operation in the Australian Market since 2000, supplying our range of tapes to many different Industrial markets.

The Biolink Brand of Tapes features solvent-free, high-performance acrylic tapes designed and developed for critical applications. These products are Made in Germany using our own acrylic mass and pressure sensitive adhesive tape technology, and follow the highest standards including certification according to IATF 16949, DIN EN ISO 9001 and DIN EN ISO 14001. Our state-of-the-art R&D facility coupled with experience, expertise, proprietary adhesive technology, allow us to provide solutions for many industries around the world, including the automotive, aerospace, electronics, construction and many more.

Technical properties of Biolink brand products Long-term adhesive expertise allows us to develop tapes with specific properties, including:

- proven long-term ageing resistance, stability and performance in the application environment
- excellent adhesion to low- and high-energy surfaces
- high clarity (translucent adhesive film, non-yellowing, no occlusions)
- excellent environmental (UV, weathering, etc.), chemical (water, acid, alkali) and temperature (-40°C up to +200°C) resistance
- a wide range of adhesive thicknesses from 30µm to 3000µm

At our Melbourne warehouse we convert and custom slit the tapes to required roll widths on our Javelin Slitting Machine.

Custom Co – Development

Through our R+ D facility and expertise, we also offer Custom Development based on the customers application specific needs.

Please note our Custom Development requires commitment from the customer and high volume applications.

Saint Gobain Norbond Acrylic Foam tapes

We also distribute the Saint Gobain Norbond Acrylic Foam Tapes, offering an Excellent range of High Performance Ultra High Bond Tapes.

These tapes offer outstanding Performance in demanding applications.

ACRYLIC FOAM - ULTRA HIGH BOND DOUBLE SIDED TAPES

ULTRA HIGH BOND TAPES ARE DESIGNED TO PROVIDE LONG TERM, HIGH STRENGTH AND DURABLE BONDING SOLUTIONS FOR INDOOR AND OUTDOOR APPLICATIONS.

THE PROLINK R CLASS ADHESIVE IS PARTICULARLY SUITABLE WHERE A HIGH CLARITY TAPE IS REQUIRED.

PROLINK R CLASS SERIES

CLEAR ULTRA HIGH BOND TAPE

- Excellent Adhesion performance
- High Clarity
- Service Temperature **-40°C to 120°C**

PROLINK 250R - 0.25MM THICK
PROLINK 500R - 0.5MM THICK
PROLINK 1000R - 1.0MM THICK
PROLINK 1500R - 1.5MM THICK
PROLINK 2000R - 2.0MM THICK



PROLINK LE SERIES

CLEAR ULTRA HIGH BOND TAPE

This tape is specially designed for difficult applications on smooth or textured, flat or rough surfaces, where the substrates are considered to be LSE (Low Surface Energy) or problematic.

It is perfect to bond a wide variety of materials like low surface energy plastics and coated metals.

PROLINK 350LE - 0.35MM THICK
PROLINK 800LE - 0.8MM THICK
PROLINK 1200LE - 1.2MM THICK



PROLINK 1000RS

HIGH TEMPERATURE ULTRA HIGH BOND DOUBLE SIDED TAPE - 1MM THICK CLEAR

- Designed and developed for applications where High Temperature tolerance is required
- Bonding of metals, High Surface Energy plastics



ACRYLIC FOAM - ULTRA HIGH BOND DOUBLE SIDED TAPES

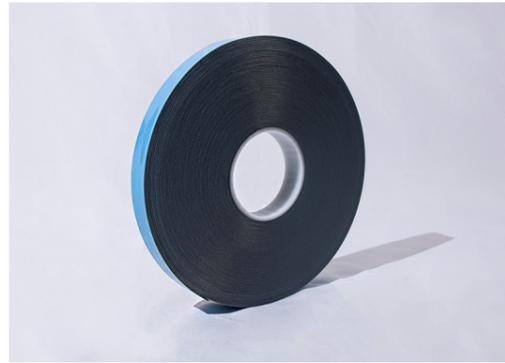
A7600 SERIES GREY DOUBLE SIDED ULTRA HIGH BOND TAPE

- Excellent Peel Adhesion and Dynamic Shear Performance
- High Tack Adhesive
- Easy Release liner
- Service Temperature **-35°C to 93°C**

Log size: 800mm x 33M

Standard slit widths: 12mm x 33M, 18mm x 33M, 24mm x 33M

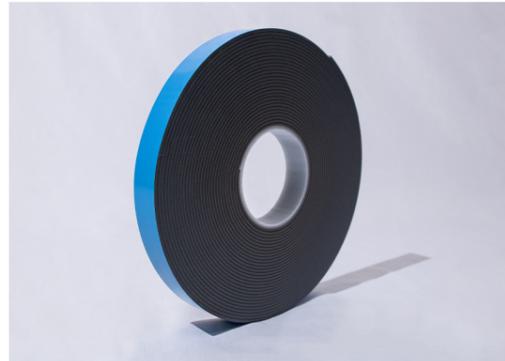
A7611 - 1.1MM THICK



FA2300 GREY 2.3MM THICK GREY DOUBLE SIDED ULTRA HIGH BOND TAPE

- Excellent Peel Adhesion and Dynamic Shear Performance
- Used in Construction, Metal Fabrication, Transport and Signage Industries
- Used in the construction Industry for attaching Stiffeners to ACM Panels
- Service Temperature **-35°C to 100°C**

Log size: 750mm x 15M (33 metre rolls available on request)



A7711 1.1MM THICK BLACK DOUBLE SIDED ULTRA HIGH BOND TAPE

- Black Adhesive for Aesthetic purposes in Auto Aftermarket, Construction and signage applications
- High Tack Adhesive
- Easy Release liner
- Service Temperature **-35°C to 93°C**

Log size: 800mm x 33M



ACRYLIC FOAM - ULTRA HIGH BOND DOUBLE SIDED TAPES

FLEXLINK 1100R+ 1.1MM THICK WHITE ULTRA HIGH BOND TAPE

- Excellent Adhesion Performance to a wide variety of substrates
- Temperature Tolerance **-40°C to 120°C**
- Clear PET Filmic liner



FLEXLINK 30600 0.6MM THICK GREY ULTRA HIGH BOND TAPE

- Modified Acrylic Adhesive with Good Initial tack
- White Paper liner



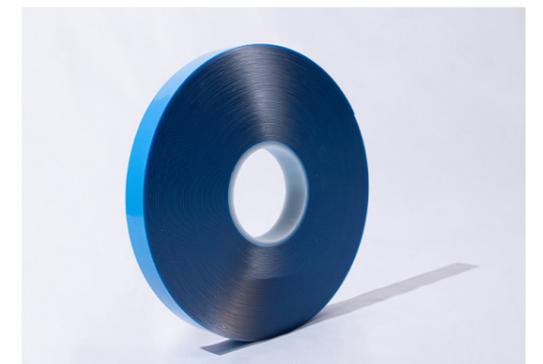
A7200 SERIES CLEAR ULTRA HIGH BOND TAPE

- Clear Ultra High Bond Double Sided Tape
- Used in applications where transparent tape is required for bonding glass or clear surfaces
- Service Temperature **-35°C to 93°C**

A7205 - 0.5MM THICK

A7210 - 1.0MM THICK

A7220 - 2.0MM THICK



ADHESIVE TRANSFER TAPES TRANSLINK

OUR TRANSLINK RANGE OF CLEAR ADHESIVE TRANSFER TAPES ARE USED FOR ADHESIVE BACKING AND LAMINATING.

UTILISING DIFFERENT ADHESIVE CLASSES AND THICKNESSES FROM 50 MICRON UPTO 200 MICRON.

TRANSLINK R CLASS ADHESIVE RANGE PURE ACRYLIC ADHESIVE

- High Temp Tolerance and Shear Resistance
- Temperature Resistance **-40°C to 150°C**
- Short term even up to **+200°C**

TRANSLINK 50R - 0.05MM THICK ROLL SIZE: 1290MM X 50M

TRANSLINK 130R - 0.13MM THICK ROLL SIZE: 1290MM X 50M
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TRANSLINK H+ ADHESIVE CLASS MODIFIED ACRYLIC ADHESIVE

- The H+ adhesive system has a good balance of cohesion and adhesion, combined with high initial grab or tack, for assembly and processing purposes
- Temperature Resistance **-40°C to 120°C**

TRANSLINK 50H+ - 0.05MM THICK ROLL SIZE: 1290MM X 50M
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TRANSLINK 100H+ - 0.10MM THICK ROLL SIZE: 1380MM X 50M

TRANSLINK 130H+ - 0.13MM THICK ROLL SIZE: 1290MM X 50M

TRANSLINK 200HP - 0.2MM THICK ROLL SIZE: 1380MM X 50M
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- Translink 200HP (0.2mm thick) is a high deposition for a Transfer Adhesive

HP Adhesive Class is a modified Acrylic Adhesive



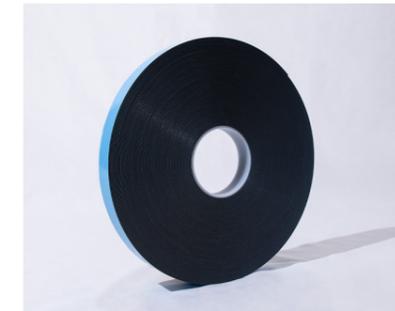
FOAMLINK DOUBLE SIDED PE FOAM TAPES

THE FOAMLINK RANGE OF DOUBLE SIDED FOAM TAPE WITH CLOSED-CELL POLYOLEFIN (PE) FOAM CARRIERS. A BROAD BASED RANGE, COMPRISED OF SEVERAL THICKNESS, DENSITY AND ADHESIVE CLASS COMBINATIONS. THE CLOSED CELL NATURE OF THE DOUBLE SIDED FOAM TAPE WE USE, PROVIDE VERY GOOD SEALING, GAP FILLING AND GASKETING QUALITIES.

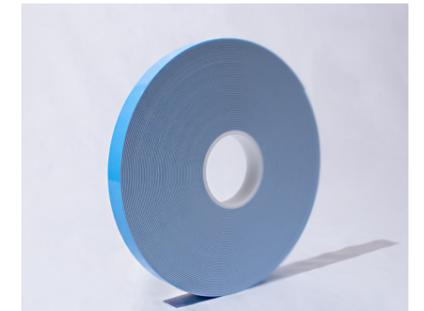
- Our Foamlink Tapes utilise our H+ Adhesive Class which is a Modified Acrylic Adhesive
- Temp Resistance **-40°C to 70°C, short term even up to 90°C**
- Medium Density Foam Carrier with



FOAMLINK 1102H+
1.1MM THICK WHITE DOUBLE SIDED
PE FOAM TAPE



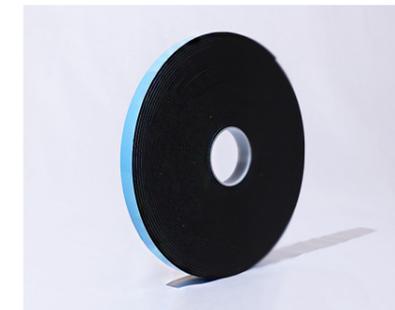
FOAMLINK 1107H+
1.1MM THICK BLACK DOUBLE SIDED
PE FOAM TAPE



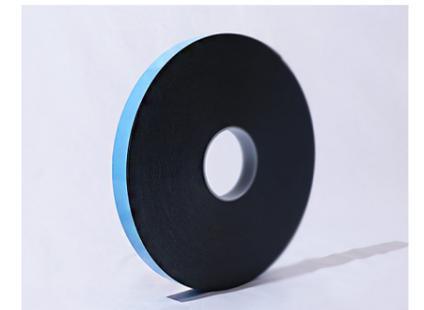
FOAMLINK 1607H+
1.6MM THICK WHITE DOUBLE SIDED
PE FOAM TAPE



FOAMLINK 1603H+
1.6MM THICK BLACK DOUBLE SIDED
PE FOAM TAPE



FOAMLINK 3004H+
3.0MM THICK BLACK DOUBLE
SIDED PE FOAM TAPE



FOAMLINK 1007
1MM THICK BLACK DOUBLE SIDED
FOAM TAPE

- High Density 0.5mm thick PE Foam Carrier coated with Pure Acrylic Adhesive
- Excellent for High Performance bonding of metals

UNILINK DOUBLE SIDED TAPES

OUR UNILINK RANGE OF DOUBLE SIDED TAPES UTILISE TISSUE, POLYESTER AND PVC CARRIERS.
THE UNILINK TAPES ARE ALL COATED WITH A MODIFIED ACRYLIC ADHESIVE.



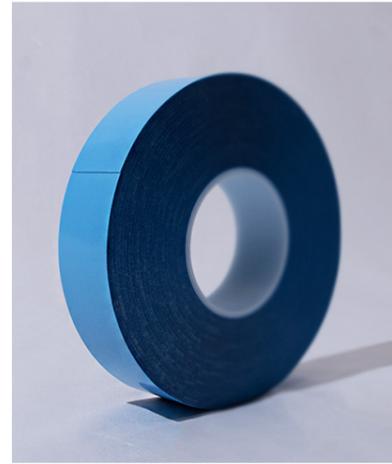
UNILINK 4412HT
0.22MM THICK

- Double Sided Clear Polyester Tape
- Red Plastic liner metals



UNILINK 4411HT
0.22MM THICK

- Double Sided Clear Polyester Tape
- Yellow Paper liner



UNILINK 4431H+
0.3MM THICK

- Double Sided Clear Polyester Tape
- Higher Adhesive Deposition
- Blue Plastic liner



UNILINK 110H+
0.13MM THICK

- Double Sided Tissue Tape
- Yellow Paper liner



UNILINK 220H+
0.22MM THICK

- Double Sided Tape with White PVC Carrier
- Yellow Paper liner

RELINK REMOVABLE DOUBLE SIDED TAPES

RELINK 2318B AIRCRAFT CARPET TAPE - AIRBUS APPROVED

- Double Sided Aircraft Carpet Tape designed for bonding Carpets to floor panels on Aircraft
- Differential Adhesive with High Tack Adhesive one side designed to bond to various carpet backings and clean peel removable Adhesive on the floor panel side
- The Clean Peel Floor Sided Adhesive removes without leaving adhesive residue on aircraft floor panels, saving panel damage and saving many hours in clean up time

This product has been qualified at AIRBUS according to AIMS 10-05-014 issue 5 and can be procured according to ABS 5648B issue 12.



The consumable material list number of Airbus is:
IPS 10-05-014-01 issue 5 AND tested and approved according to FAR/JAR/CS 25.853(a) app.F part 1, (a) (1) ii

Standard Roll widths: 50mm / 100mm

RELINK 1300 0.10MM THICK

- Double Sided Polyester Tape with removable Adhesive exposed when removing liner
- Typically used for temporary bonding of posters to glass windows

PLEASE NOTE: AS APPLICATIONS AND MATERIALS VARY, IT IS THE CUSTOMERS RESPONSIBILITY TO TEST AND DETERMINE SUITABILITY IN THEIR APPLICATION.

NETLINK SCRIM REINFORCED TRANSFER ADHESIVE

USED FOR ADHESIVE
BACKING AND LAMINATING
OF CELLULAR FOAMS

Log roll widths 1020mm x 50M
for both products



NETLINK 90HX
90 MICRON THICKNESS

- Used for Adhesive backing and laminating of Cellular Foams



NETLINK 150HS
150 MICRON THICKNESS

- The Netlink 150HS is used for temporary bonding of Vapour Permeable Building Wraps to metal framed buildings

ACRYLIC SEALING TAPES

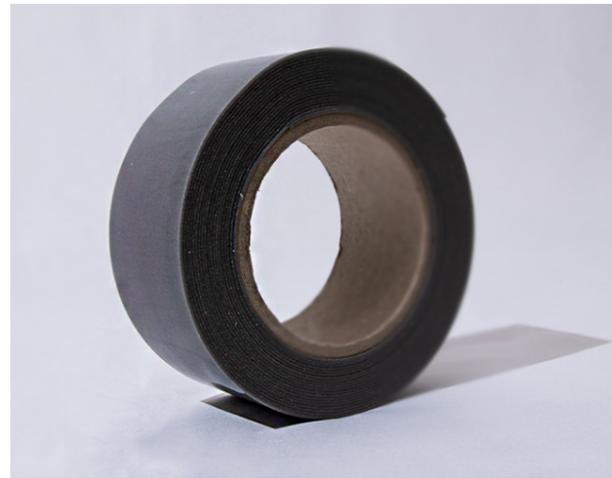
ACRYLIC SEALING TAPE WITH A PAINTABLE BACKING DESIGNED TO REPLACE LIQUID SEALANTS UV CURED ACRYLIC ADHESIVE.

Features:

- Conformable - Bond to different types of materials
- Paintable Ionomer backing - Remains flexible throughout the usage life without chipping or cracking
- Resistance to weathering / extreme conditions



TC 5010 – 2MM WHITE VERSION



TC 5032 – 1MM GREY VERSION

These tapes are commonly used in 50mm x 17 metre rolls, however other widths / roll lengths can be requested.

PRIMELINK ADHESION PROMOTOR

PRIMELINK IS AN ADHESION PROMOTOR FOR A LARGE NUMBER OF DIFFERENT SURFACES

AVAILABLE IN 250ML TINS

- Primelink is particularly easy to process because it is delivered ready to use. In all cases it must be applied to clean, dry surfaces. Primelink is applied with a brush or dry cloth in a thin, uniform coat, in one direction. After applying Primelink it is recommended to wait one or more minutes to leave it time to dry, at room temperature, before applying the tape.



WARNING – THIS PRODUCT IS FLAMMABLE, CONTACT US FOR A COPY OF THE PRODUCT MATERIAL SAFETY DATA SHEET

APPLICATION GUIDE

Temperature

As a general statement, the best temperature for bonding adhesive tapes is between +15°C and +30°C.

Low temperature application is possible for modified adhesive systems, but there may be a compromise on the ultimate bond strength.

Surface

The surfaces of the parts must be dry, clean and free of moisture and condensation. The surfaces must also be free of oil, fat, dust and other contaminants. Porous surfaces can be primed to ensure a uniform, stable surface.

Cleaning

The cleaning of the surfaces has to be done with clean cloths together with IPA – Isopropanol. To remove dust, oil, release agents and other contaminants you can for example use the following solvents: isopropanol-water mixture 50:50, heptane, ethanol, acetone, MEK or other suitable solvents that do not leave residue and do not attack the substrate to be bonded. The selected solvent must be checked thoroughly before being used and the safety in use of solvents should always be considered.

Note: The following commonly used solvents are NOT recommended for cleaning surfaces as they do NOT evaporate cleanly and can leave a surface film that may impair bonding: petrol, methylated spirits, turpentine, kerosene, prepsol, citrus cleaners and window cleaners.

Pressure

Adhesive tapes are pressure sensitive (PSA's). The initial application pressure is critical to the ultimate performance of the adhesive tape. The target application pressure is 10-15N/cm², which is best provided by a roller or press. When application only by hand is possible, a firm even and overall pressure is essential and is best provided by use of an applicator or rubber blade 'squeegee'. Firmer adhesive classes (such as the pure acrylics) require more initial application pressure than soft ones.

The full bonding power of hard adhesives is attained between 24 & 72 hours, depending upon the substrates, application pressure and the application environment.

Force and stress

Where possible, avoid leverage of the bonded components for as long as possible after assembly. For assembly and design purposes, shear and peel forces have to be evenly distributed across the whole of the bonded surface areas. During assembly, permanent shear loads should be avoided, as this will adversely effect the viscoelastic bonding. (for example arched, curved or bowed surfaces should be mechanically clamped and held for the bond to be effective).

Suitable materials

Typically, good adhesion can be attained on smooth surfaces. For rough surfaces, you need a thicker tape or alternate product format. Good or easily bonded surfaces are: metals, high energy surfaces such as smooth wood, ABS, polycarbonate, PMMA, hard PVC, wood, stone and glass.

Critical materials

Guidance should be sought for low energy surfaces, particularly plastics, where plasticisers may be present, which can adversely effect the bond. These critical surfaces such as polyethylene, polypropylene, rubbers, powder coats, silicones, polyurethane, teflon, varnishes should be tested for performance and compatibility prior to specifications or recommendations for use are made.

Storage

The storage of adhesive tapes should be at room or ambient temperature and at 50-70% relative humidity and out of direct sunlight. Extremes and fluctuations in storage temperature and humidity should be avoided.

Product use.

All statements, technical info contained herein are based on lab testing, we believe to be reliable. In reality, many factors beyond our control can affect and influence the use and performance of our products an any particular application.

Since these factors are uniquely within the users knowledge and control, it is essential that the user evaluate the product to determine its suitability for purpose. Biolink will not be liable for any loss or damage arising, whether direct or indirect, special, incidental or consequential.

Please ensure before using our product that it is suitable for the material for the intended application. For technical assistance please call our product specialists. The data and statements are intended as a source of information, are given without guarantee and do not constitute a warranty. They can vary according to the application conditions. All materials described herein are subject to our conditions of sale, a copy is available on request.



BIOLINK
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