BIOLINK
specialty tapes

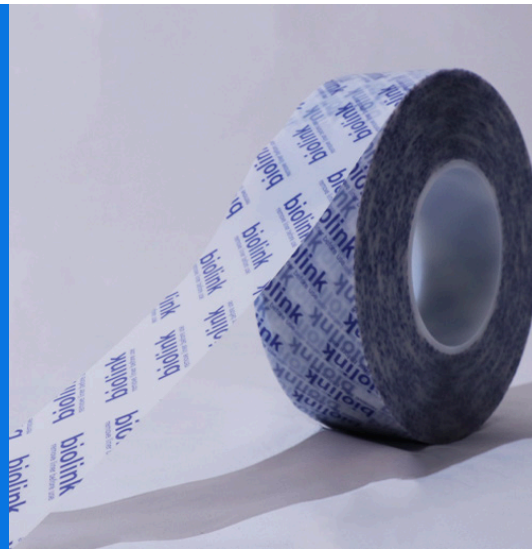
BIOLINK TAPES ARE

ENVIRONMENTALLY FRIENDLY

SOLVENT-FREE, HIGH PERFORMANCE ACRYLIC TAPES







CUSTOMLINK PRODUCT CATALOGUE

Specialty adhesive tapes & die-cut solutions

Serving Australian industry since 2000 from our Melbourne warehouse — converting and custom-slitting to your required roll widths.
Also supplying Saint-Gobain Norbond acrylic foam tapes for ultra high bond applications.

ABOUT US

Biolink Specialty Tapes Australia supplies a comprehensive range of solvent-free, high-performance acrylic tapes designed for critical industrial applications.

Based in Melbourne, we have been operating in the Australian market since 2000, supplying tapes across many industrial sectors.

Our range is engineered with acrylic mass and pressure-sensitive adhesive technology to high quality standards, including certifications according to IATF 16949, DIN EN ISO 9001 and DIN EN ISO 14001. Proprietary adhesive technology supports solutions for automotive, aerospace, electronics, construction and many more industries.

TECHNICAL STRENGTHS

- 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), chemical (water, acid, alkali) and temperature (−40°C up to +200°C) resistance
- A wide range of adhesive thicknesses from 30 µm to 3000 µm

At our Melbourne warehouse we convert and custom-slit tapes to required roll widths on our Javelin slitting machine.

CUSTOM CO-DEVELOPMENT

Through our R&D capability and expertise, we offer custom development based on application-specific needs. Custom development requires customer commitment and is suited to high-volume applications.

NORBOND ACRYLIC FOAM

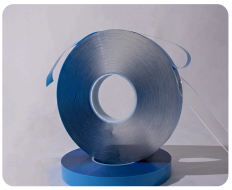
We also distribute Saint-Gobain Norbond acrylic foam tapes — a high-performance ultra high bond range for demanding applications.

ACRYLIC FOAM — ULTRA HIGH BOND DOUBLE SIDED TAPES

Ultra high bond tapes provide long-term, high-strength and durable bonding for indoor and outdoor applications. The Prolink R class adhesive is particularly suitable where high clarity tape is required.

PROLINK R CLASS SERIES

CLEAR ULTRA HIGH BOND TAPE

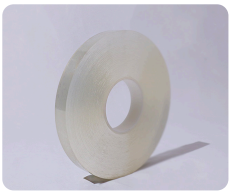


- Excellent adhesion performance
- High clarity
- Service temperature −40°C to 120°C

Product	Thickness
Prolink 250R	0.25 mm
Prolink 500R	0.5 mm
Prolink 1000R	1.0 mm
Prolink 1500R	1.5 mm
Prolink 2000R	2.0 mm

PROLINK LE SERIES

CLEAR ULTRA HIGH BOND TAPE



Specially designed for difficult applications on smooth or textured, flat or rough surfaces, where substrates are LSE (low surface energy) or problematic. Ideal for LSE plastics and coated metals.

Product	Thickness
Prolink 350LE	0.35 mm
Prolink 800LE	0.8 mm
Prolink 1200LE	1.2 mm

PROLINK 1000RS

HIGH TEMPERATURE ULTRA HIGH BOND — 1 MM CLEAR

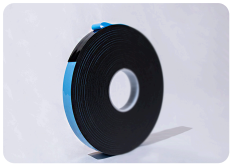


- Designed for applications where high temperature tolerance is required
- Bonding of metals and high surface energy plastics

ACRYLIC FOAM — ULTRA HIGH BOND DOUBLE SIDED TAPES

A7600 SERIES

GREY DOUBLE SIDED ULTRA HIGH BOND TAPE



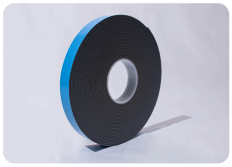
- Excellent peel adhesion and dynamic shear performance
- High tack adhesive
- Easy release liner
- Service temperature −35°C to 93°C

Log size: 800 mm × 33 m
Standard slit widths: 12 / 18 / 24 mm × 33 m

A7611 — 1.1 mm thick

FA2300 GREY

2.3 MM THICK GREY DOUBLE SIDED ULTRA HIGH BOND TAPE

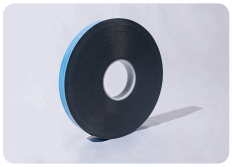


- Excellent peel adhesion and dynamic shear performance
- Used in construction, metal fabrication, transport and signage
- Used in construction for attaching stiffeners to ACM panels
- Service temperature −35°C to 100°C

Log size: 750 mm × 15 m (33 m rolls available on request)

A7711

1.1 MM THICK BLACK DOUBLE SIDED ULTRA HIGH BOND TAPE

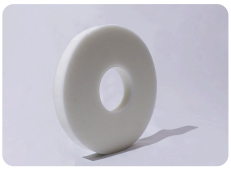


- Black adhesive for aesthetic purposes in auto aftermarket, construction and signage
- High tack adhesive
- Easy release liner
- Service temperature −35°C to 93°C

Log size: 800 mm × 33 m

FLEXLINK 1100R+

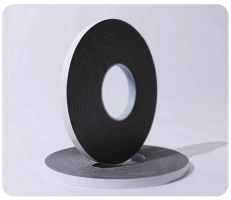
1.1 MM THICK WHITE ULTRA HIGH BOND TAPE



- Excellent adhesion performance to a wide variety of substrates
- Temperature tolerance −40°C to 120°C
- Clear PET filmic liner

FLEXLINK 30600

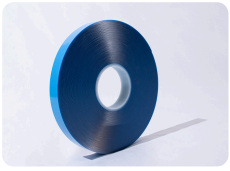
0.6 MM THICK GREY ULTRA HIGH BOND TAPE



- 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 where transparent tape is required for bonding glass or clear surfaces
- Service temperature −35°C to 93°C

Product	Thickness
A7205	0.5 mm
A7210	1.0 mm
A7220	2.0 mm

ADHESIVE TRANSFER TAPES — TRANSLINK

Our Translink range of clear adhesive transfer tapes is used for adhesive backing and laminating, utilising different adhesive classes and thicknesses from 50 micron up to 200 micron.

TRANSLINK R CLASS

PURE ACRYLIC ADHESIVE

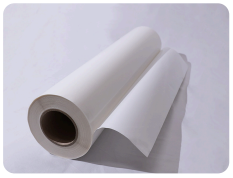


- High temperature tolerance and shear resistance
- Temperature resistance −40°C to 150°C
- Short term even up to +200°C

Product	Thickness / roll
Translink 50R	0.05 mm · 1290 mm × 50 m
Translink 130R	0.13 mm · 1290 mm × 50 m

TRANSLINK H+ ADHESIVE CLASS

MODIFIED ACRYLIC ADHESIVE



- Good balance of cohesion and adhesion, with high initial grab/tack for assembly and processing
- Temperature resistance −40°C to 120°C

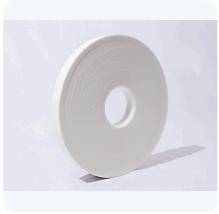
Product	Thickness / roll
Translink 50H+	0.05 mm · 1290 mm × 50 m
Translink 100H+	0.10 mm · 1380 mm × 50 m
Translink 130H+	0.13 mm · 1290 mm × 50 m
Translink 200HP	0.2 mm · 1380 mm × 50 m

Translink 200HP (0.2 mm) is a high deposition transfer adhesive. HP adhesive class is a modified acrylic adhesive.

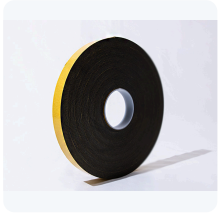
FOAMLINK DOUBLE SIDED PE FOAM TAPES

The Foamlink range uses closed-cell polyolefin (PE) foam carriers across several thickness, density and adhesive class combinations. Closed-cell construction provides very good sealing, gap filling and gasketing.

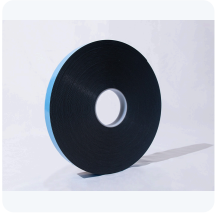
- H+ adhesive class — modified acrylic adhesive
- Temp resistance −40°C to 70°C, short term even up to 90°C
- Medium density foam carrier



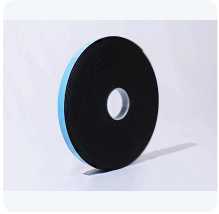
FOAMLINK 1102H+
1.1 mm white double sided PE foam



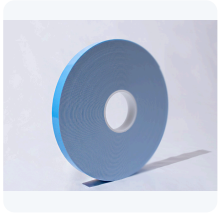
FOAMLINK 1107H+
1.1 mm black double sided PE foam



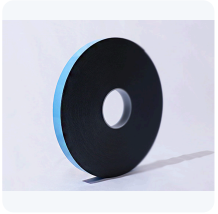
FOAMLINK 1607H+
1.6 mm white double sided PE foam



FOAMLINK 1603H+
1.6 mm black double sided PE foam



FOAMLINK 3004H+
3.0 mm black double sided PE foam



FOAMLINK 1007
1 mm black double sided foam

Foamlink 1007: High density 0.5 mm thick PE foam carrier coated with pure acrylic adhesive. Excellent for high performance bonding of metals.

UNILINK DOUBLE SIDED TAPES

Our Unilink range utilises tissue, polyester and PVC carriers. All Unilink tapes are coated with a modified acrylic adhesive.



UNILINK 4412HT

0.22 mm

- Clear polyester tape
- Red plastic liner



UNILINK 4411HT

0.22 mm

- Clear polyester tape
- Yellow paper liner



UNILINK 4431H+

0.3 mm

- Clear polyester tape
- Higher adhesive deposition
- Blue plastic liner



UNILINK 110H+

0.13 mm

- Double sided tissue tape
- Yellow paper liner



UNILINK 220H+

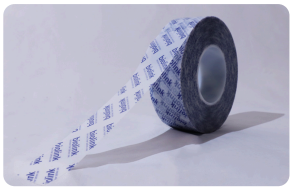
0.22 mm

- White PVC carrier
- Yellow paper liner

RELINK — REMOVABLE DOUBLE SIDED TAPES

RELINK 2318B

AIRCRAFT CARPET TAPE — AIRBUS APPROVED



- Double sided aircraft carpet tape for bonding carpets to aircraft floor panels
- Differential adhesive: high tack for carpet backings; clean-peel removable adhesive on the floor panel side
- Clean peel removes without leaving residue on floor panels, saving panel damage and clean-up time

Qualified at Airbus according to AIMS 10-05-014 issue 5; can be procured according to ABS 5648B issue 12. Consumable material list number: IPS 10-05-014-01 issue 5. Tested and approved according to FAR/JAR/CS 25.853(a) app.F part 1, (a)(1) ii.

Standard roll widths: 50 mm / 100 mm

RELINK 1300

0.10 MM THICK

- Double sided polyester tape with removable adhesive exposed when removing liner
- Typically used for temporary bonding of posters to glass windows

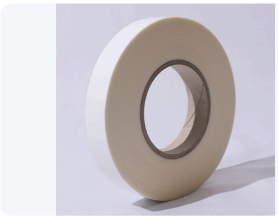
Please note: as applications and materials vary, it is the customer's responsibility to test and determine suitability in their application.

NETLINK — SCRIM REINFORCED TRANSFER ADHESIVE

Used for adhesive backing and laminating of cellular foams. Log roll widths 1020 mm × 50 m for both products.



NETLINK 90HX
90 micron — adhesive backing and laminating of cellular foams



NETLINK 150HS
150 micron — 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 — bonds to different types of materials
- Paintable ionomer backing — remains flexible throughout service life without chipping or cracking
- Resistance to weathering / extreme conditions



TC 5010
2 mm white version



TC 5032
1 mm grey version

Commonly supplied as 50 mm × 17 m rolls; other widths / lengths on request.

PRIMELINK ADHESION PROMOTOR

FOR A LARGE NUMBER OF DIFFERENT SURFACES

Available in 250 ml tins

- Particularly easy to process — delivered ready to use
- Must be applied to clean, dry surfaces
- Apply with a brush or dry cloth in a thin, uniform coat, in one direction
- After applying, wait one or more minutes at room temperature to dry before applying the tape

Warning — this product is flammable. Contact us for a copy of the product Safety Data Sheet (SDS).



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 ultimate bond strength.

SURFACE

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

CLEANING

Clean with clean cloths and IPA (isopropanol). To remove dust, oil, release agents and other contaminants you can use, for example: isopropanol–water 50:50, heptane, ethanol, acetone, MEK or other suitable solvents that do not leave residue and do not attack the substrate. Selected solvents must be checked thoroughly before use; solvent safety should always be considered.

Note: The following are NOT recommended 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 (PSAs). Initial application pressure is critical. Target application pressure is 10–15 N/cm², best provided by a roller or press. When only hand application is possible, firm even overall pressure is essential (applicator or rubber blade/squeegee). Firmer adhesive classes (such as pure acrylics) require more initial pressure than soft ones. Full bonding power of hard adhesives is attained between 24 and 72 hours, depending on substrates, pressure and environment.

FORCE AND STRESS

Where possible, avoid leverage of bonded components as long as possible after assembly. Shear and peel forces should be evenly distributed across the bonded area. During assembly, permanent shear loads should be avoided as this adversely affects viscoelastic bonding (e.g. arched, curved or bowed surfaces should be mechanically clamped).

SUITABLE MATERIALS

Typically, good adhesion can be attained on smooth surfaces. For rough surfaces, a thicker tape or alternate product format is needed. Good or easily bonded surfaces include: 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. Critical surfaces such as polyethylene, polypropylene, rubbers, powder coats, silicones, polyurethane, PTFE/Teflon and varnishes should be tested for performance and compatibility prior to specification.

STORAGE

Store adhesive tapes at room or ambient temperature and 50–70% relative humidity, out of direct sunlight. Avoid extremes and fluctuations in storage temperature and humidity.

PRODUCT USE

All statements and technical information herein are based on laboratory testing believed to be reliable. In reality, many factors beyond our control can affect performance in any particular application. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine its suitability for purpose. The supplier will not be liable for any loss or damage arising, whether direct or indirect, special, incidental or consequential. Please ensure before using the product that it is suitable for the intended material and application. For technical assistance please call our product specialists. 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 application conditions. All materials described herein are subject to our conditions of sale; a copy is available on request.

BIOLINK
specialty tapes

Contact details

Phone (03) 9466 9669

Email info@biolinkaus.com.au

Address Factory 1 / 9 Mirra Court, Bundoora, VIC 3083

www.biolinkaus.com.au

Biolink Specialty Tapes Australia Pty Ltd
Specialty adhesive tapes & die-cut solutions