

ETERNABOND

EternaBond® TP Tapes



EternaBond® TP tapes are thermal adhesive tapes for unlimited applications.

H.B. Fuller's EternaBond® TP series is a special adhesive tape portfolio based on thermoplastic polyurethane, polyester, polyolefin or polyamide. They represent a perfect alternative to traditional liquid adhesives and bond a wide range of substrates, including textiles, plastics, metals, glass, foam and many more. This makes their application field highly versatile.

Compared to liquid adhesives, our EternaBond® TP tapes offer lots of advantages, like an easy application, a longer shelf life, an excellent initial strength, and a controlled volume. In addition, our high-quality and high-performing adhesive tape technology makes a sustainable contribution to weight reduction. With our carrier and carrier free types, possible die cuts for controlled bond lines, and special optically clear, non-yellowing and UV resistant types, we can serve your individual requirements.

BENEFITS AND PROPERTIES

- Highly versatile
- Controlled volume
- Diecuts possible for controlled bond lines
- Excellent initial strength
- Easy application and longer shelf life compared to liquid adhesives
- Low activation temperature available
- Soft, flexible, stretch, excellent holding power
- Excellent chemical and moisture resistance
- Aesthetics
- Lightweight
- Good adhesion on LSE surfaces
- Special optically clear, non-yellowing, UV resistant types available
- Carrier and carrier free types available

APPLICATION AREAS

- Interior trim
- Inflatables
- Panel bonding
- Composite bonding
- Waterproofing
- Foam bonding
- Flame retardant applications
- And many more...

MARKETS

- Automotive
- Bus, truck, marine
- Aerospace
- Energy
- Durable Assembly
- Medical, insoles, orthopedics
- Graphics and signs
- And many more...

SUBSTRATES TO BE BONDED

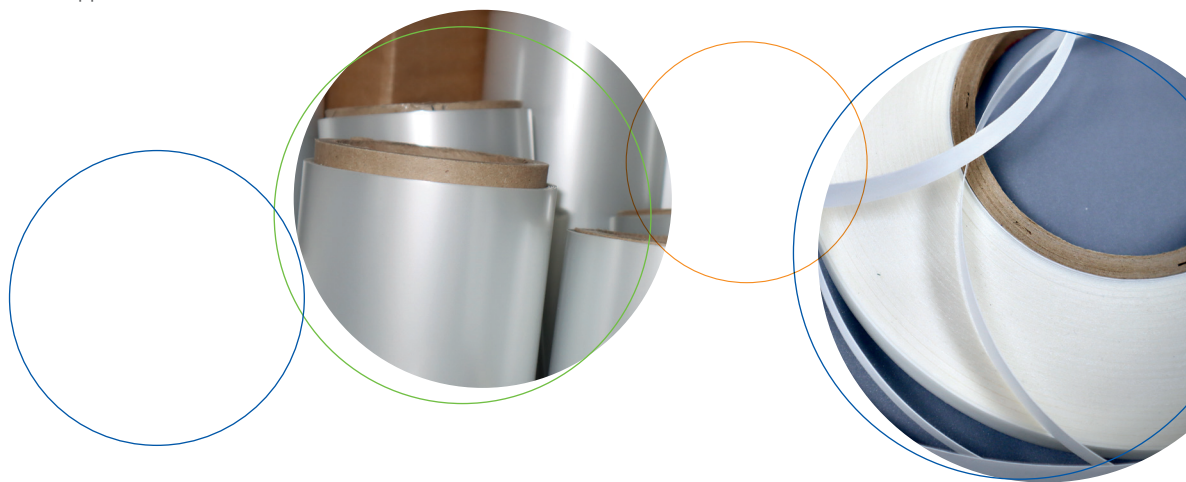
- Various textiles
- Various plastics
- Glass
- Metal
- Foam
- Paint
- And many more...



PRODUCT PORTFOLIO

Product	Adhesive Type	Key Benefits	Material Adhesion	Gauge / Thickness	Bond Temperature
EternaBond® TP 13231	Thermoplastic Polyurethane	Highly versatile, textile to textile, textiles to hard	Various textiles, PU/vinyl coatings, leather, fiberglass, polycarbonate, ABS	25 - 250 µm	85-125 °C
EternaBond® TP 13218	Thermoplastic Polyurethane	Highly versatile, textile to textile, textiles to hard	Various textiles, PU/vinyl coatings, leather, fiberglass, polycarbonate, ABS	25 - 250 µm	110-130 °C
EternaBond® TP 13290 C	Thermoplastic Polyurethane	Aliphatic, optically clear, non-yellowing, UV resistant	Glass, PU/vinyl coatings, leather, amorphous nylon plastics, fiberglass, polycarbonate, ABS	50, 150 µm	100-155 °C
EternaBond® TP 13245	Thermoplastic Polyurethane	Low surface energy plastics, bonds with heat sensitivity, easy handling, wet out capabilities	Low denier wovens, smooth surface plastics (nylon, PVS, polycarbonate, ABS, polyurethane, fiberglass)	50, 100 µm	85-155 °C
EternaBond® TP 13829	Thermoplastic Polyurethane	Low surface energy plastics, bonds with heat sensitivity, easy handling, wet out capabilities	Low denier wovens, smooth surface plastics (nylon, PVS, polycarbonate, ABS, polyurethane, fiberglass)	50, 100 µm	90-170 °C
EternaBond® TP 13412 C	Thermoplastic Polyurethane	Soft and stretchable, comfortable next to skin, 3D forming designs, deep draws, optically clear	Various textiles, PU/vinyl coatings, leather, fiberglass, polycarbonate, ABS	25, 50, 75, 100 µm	130-170 °C
EternaBond® TP 13415	Thermoplastic Polyurethane	Soft and stretchable, comfortable next to skin, 3D forming designs, deep draws	Various textiles, PU/vinyl coatings, leather, fiberglass, polycarbonate, ABS	50, 75, 150 µm	100-130 °C
EternaBond® TP 25256	Thermoplastic Polyester	Thermoforming, rigidity, high heat activation	Various textiles (generally adheres best to polyester based substrates)	127 µm	140-190 °C
EternaBond® TP 25274	Thermoplastic Polyester	Fast flow, low temp activation	Dissimilar substrates, leather	100 µm	85-160 °C
EternaBond® TP 36329 C	Thermoplastic Polyolefin	Non-yellowing, optically clear	Dissimilar substrates, metal	37 µm	100-150 °C
EternaBond® TP 36388	Thermoplastic Polyolefin	Carrier free	Dissimilar substrates, foam	50, 75, 125, 175 µm	95-150 °C
EternaBond® TP 44220	Thermoplastic Polyamide	Highly versatile, rigidity, high heat activation	Various textiles	125 µm	141-191 °C
EternaBond® TP 44236	Thermoplastic Polyamide	Excellent adhesion to porous and semi-porous substrates, good heat resistance	Various textiles, PVC, polyurethane coatings	75 µm	143-176 °C

Our tapes are available in different lengths and widths. Contact us for more detailed information: productmanagement.koe@hbfuller.com or take a look at our progressive web app.



ABOUT H.B. FULLER

Since 1887, H.B. Fuller has been a leading global adhesives provider focusing on perfecting adhesives, sealants and other specialty chemical products to improve products and lives. H.B. Fuller's commitment to innovation brings together people, products and processes that answer and solve some of the world's biggest challenges. Our reliable, responsive service creates lasting, rewarding connections with customers in electronics, disposable hygiene, health and beauty, transportation, aerospace, clean energy, packaging, construction, woodworking, general industries and other consumer businesses. And, our promise to our people connects them with opportunities to innovate and thrive.



H.B. Fuller | Engineering Adhesives

For more information about our company, visit www.hbfuller.com



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