



What is Alpha-Tape® Zero PP edgebanding

Alpha-Tape® PP Zero Edgebanding is the innovative edgebanding manufactured by MKT that can be processed using all of the latest zero-joint technologies (Hot Air, Laser, and NIR – Near Infrared).

- PP Zero edgebanding is based on environmentally friendly polypropylene (PP)
- PP Zero features a proprietary, extremely hard, co-extruded functional layer (also based on PP) that replaces conventional adhesives in the edge banding application. When this special functional layer is activated by hot air, laser, or NIR, a durable and glueless bond is formed to the substrate material.
- Because the color of the functional layer is perfectly matched to the edgeband surface color, the end result is a seamless, glueless, and invisible transition from the edge of the panel to the surface of the panel, a zero edge.
- The colormatching of the functional layer to the edgeband surface also eliminates the framing effect on the edge of a panel, which is especially crucial when edging high gloss and matte solid color panels.
- A zero edge creates a striking, high quality, visually appealing edge that mimics a solid panel.
- The resulting lack of a glue line means increased performance in the glue joint. The increased performance of the glue joint means:
 - There is less collecting of dirt and bacteria in the glue joint over time. There is markedly diminished ageing, or yellowing of the glue joint over time.
 - There is less chipping out of the edge over time due to the extreme bonding of the functional layer.
 - Having no glue line means no glue smear on the edge, resulting in minimal post production cleanup of panels, saving time and money.

Using Alpha-Tape® PP ZERO edgebanding allows for the creation of an upscale, high value- added end product which can command a premium price due to not only its high end aesthetics, but long term performance in a real world setting.

Excellent Gloss and Excellent Matt – Visual Innovation and Performance

High Gloss edgebanding from MKT, known as Alpha-Tape® Excellent Gloss (EG), is the result of an innovative process that allows for a smooth and level finish. Alpha-Tape® Excellent Gloss offers a mirror-like finish with a 95° gloss level, +/- 5° (based on 60° angle of measurement). This high quality gloss finish pairs perfectly with the high gloss Radiance PET High Gloss panel.

Alpha-Tape® Excellent Matt (EM) is the counterpoint to Alpha-Tape® Excellent Gloss (EG). Based on the same innovative process, the smooth, non-textured matt finish offers a 3° gloss level, -2 / +3, providing the ideal edge for the Radiance PET Super Matte panel. Anti-fingerprint quality adds performance to the aesthetics of this edgebanding.