



NEPTAPE® Foil Free Edge Shielding Tapes: General Information

Construction:

- Foil free edge tapes offer a film/film/foil construction with a wider, thicker top film layer which overlaps the foil, providing non-conductive foil free edges.
- Standard foil free edge laminates are constructed with aluminum foil and polyester film.

General Features/Benefits:

- Foil free film edge provides isolation between pairs, preventing shield to shield shorts and eliminating the need for a polyester overwrap.
- Cost saving - eliminates the need to purchase and inventory two tapes.

Product Selection:

- Foil free edge tapes are differentiated primarily by the thickness of the film. Thicker film substrates allow for higher dielectric and tensile strengths.
- Each tape may be specified with foil free edges on one or both sides of varying widths.
- Color selection is available for pair identification.

Typical Applications:

- Shielding of twisted pairs in multi-pair cables such as process control, computer, or instrumentation cables.