LINQTAPE **DCT-PET115**

115 um Polyethylene Die Cutting Tape with Acrylic Adhesive

- 115 um thickness
- UV removable acrylic adhesive
- Tailored for glass and ceramics

LINQTAPE™ DCT-PET115 is a translucent polyethylene terephthalate (PET) tape used in the dicing process. It provides an excellent balance of electrical, mechanical, thermal, and chemical properties. Its strong adhesion ensures the wafer remains secure during different manufacturing processes like die-cutting. The tape protects against wafer damage, whiskers, and soaking, helping to achieve cleaner cuts.

LINQTAPE™ DCT-PET115 can be peeled using UV light, which reduces its adhesive strength for easy removal. This quality makes the tape ideal for glass and ceramic applications, and applications for which the final product must be clean of any residue. This product can be customized according to the customer's needs.

Specifications

Property	Value	Unit
Color	Transparent	–
Adhesive Type	Acrylic	–
Film Thickness	100 (3.9)	µm (mil)
Adhesive Thickness	15 (0.6)	µm (mil)
Release Liner	PET	–
Total Thickness	115 (4.5)	µm (mil)
Adhesion Strength[1] (Before UV Exposure)	19000	mN/25 mm
Adhesion Strength (After UV Exposure)[2]	100	mN/25 mm

[1] The adhesion strength was measured using a 180-degree peeling test at a peeling speed of 300 mm/min on a silicon mirror wafer.
[2] UV exposure was performed at an irradiance of 300 mJ/cm².

Storage and Handling

Shelf life is 2 years if stored in a cool (10–25 °C), dry place (40–75% humidity) away from direct sunlight or temperature extremes. Once removed from packaging, **LINQTAPE™ DCT-PET115** should be protected against dust and other impurities.

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