

**Launch of Official Production
of the High-speed Sealing Cover Tape SUMILITE™ CSL-Z7304**

Sumitomo Bakelite Co., Ltd. (Headquarters: Shinagawa-ku, Tokyo; President and Representative Director: Shinichi Kajiya) has announced mass production of the high-speed sealing cover tape SUMILITE™ CSL-Z7304, which provides sufficient peel-off strength even with short sealing times.*¹ This product is specifically designed for applications involving ultra-small electronic components, requiring reliable and High-speed sealing. It is characterized by its high reliability and resistance to tearing, even when used with 4mm width carrier tapes (cover tape width: 2.6mm).

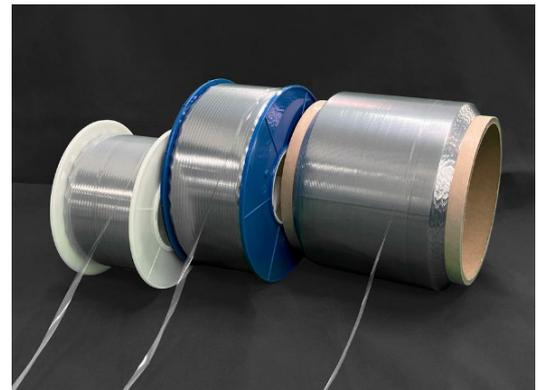
*¹ Sealing time: The time required for the cover tape and carrier tape to adhere to each other.

Background

In recent years, the widespread adoption and increasing sophistication of smart devices have accelerated the miniaturization of electronic components, along with a growing demand for these components. As a result, further improvements in production efficiency are needed. Consequently, cover tapes used for transporting electronic components are now required to accommodate ultra-small components through narrower widths and enable faster sealing to facilitate quicker encapsulation of components into carrier tapes.

Features of SUMILITE™ CSL-Z7304

This product features an optimized sealant layer design, ensuring sufficient peel-off strength even with short heat-seal times, thereby enhancing customer's production efficiency. Additionally, its durable materials ensure compliance with the JIS standard (C0806-3) for tensile strength (≤10N), providing a tear-resistant design suitable for 4mm width carrier tapes (cover tape width: 2.6mm). Furthermore, it offers excellent transparency, making packaged electronic components and semiconductors clearly visible and minimizing interference with camera inspections.



Peel-Off Strength at Various Sealing Times

*Representative sealing conditions: Sealing temperature 150°C

	Sealing Time			
	5ms	6ms	7ms	8ms
Conventional Grade	△	△	△	○
Z7304	○	○	○	○

We offer a wide range of products designed to address packaging challenges that arise with the ongoing miniaturization of components. If you have any concerns or inquiries regarding cover tape applications, please feel free to contact us at any time.

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