

Technical Data Sheet

LBL130 Transparent Acrylic Transfer Tape

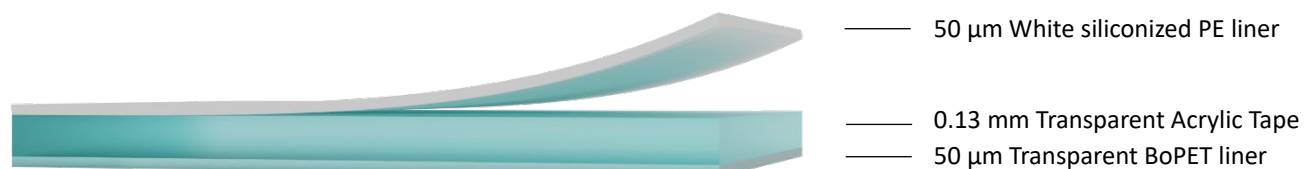
Product Description

CCL-Olympic LBL130 is a 130 micron acrylic transfer tape designed for high-end labels, graphical elements and signage applications. This tape is characterized by a superior peel & shear adhesion, impressive holding power and outstanding durability. It is particularly suitable for adhesion to metals, ceramics and high-/medium-surface energy plastics where it can briefly repositioned before quickly building up its final bond strength. To ensure effortless handling and application, the tape is supplied between a durable polyester release liner and a polyethylene cover film.

Product Features

- High performance double sided pressure sensitive adhesive tape
- 0.13 mm thick
- Designed for high-end labels
- Superior peel & shear adhesion
- The adhesives have an excellent solvent, plasticizer, and moisture resistance.
- Slitted on request

Product Construction



Technical Information Note: The technical data below cannot be used for specification purposes but should be considered representative or typical only.

Available sizes

Property	Value	Additional information
Standard roll length	150 m.	Other lengths available
Effective roll width	900 mm.	
Core size	3 inch.	Hips oversized

Typical Product Properties & Test Conditions

Property	Value	Method	Additional information
Total tape thickness	0.13 mm.	ASTM D3652	
Thickness tolerance	15%		
Density	0.93 g/cm ³	Internal method	
Adhesive type	Soft Acrylic		
Color	Transparent		
Top liner	50 µm White Siliconized PE		
Bottom liner	50 µm Transparent BoPET		

Typical Performance Characteristics

Property	Value	Method	Additional information
90° peel adhesion, initial	17 N/cm	ASTM D3330	Stainless Steel 20 min. dwell time
90° peel adhesion, final	21 N/cm	ASTM D3330	Stainless Steel 72 hrs. dwell time
90° peel adhesion, final	15 N/cm	ASTM D3330	PMMA 72 hrs. dwell time
Minimum long term temperature	- 40 °C	Internal Method	
Maximum long term temperature	150 °C	Internal Method	
Maximum short term temperature	200 °C	Internal Method	

Additional information of test method

- 90° peel adhesion according to ASTM D3330. Stainless steel substrate, aluminum backing. 72-hour dwell time at room temperature. Listed value is average value force to remove adhesive at room temperature.

Product Applications

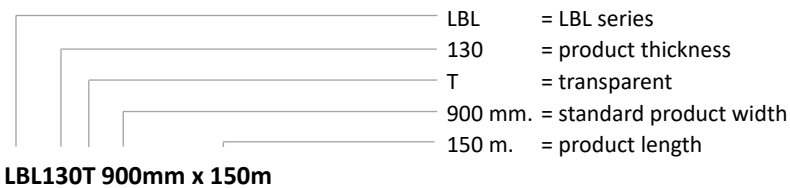
LBL130 is suitable for a range of applications including:

- Labels and graphical elements
- Joining transparent material
- Outdoor signage and window grilles
- Mobile electronics bezel bonding
- Component mounting

Product code structure

The structure of our product code is as follows:

For example LBL130T:



Custom Solutions

We can modify all our adhesive and mechanical properties for various solutions, such as peel, adhesion, shear, softness, impact resistance, tack, color, rigidity, flexibility, temperature resistance and even smell to create the solution that meets your exact specifications.

Additional Product Information

Product Application	The application surface should be clean and dry. In order to optimize performance, surface temperatures should be around room temperature.
Storage Conditions & Shelf Life	LBL130 Olympic tapes must be stored between 10°C to 30°C, and 0-95% relative humidity. The optimum storage conditions are 22°C and 50% relative humidity and in original sealed packaging. If stored under recommended conditions, then this material will retain its specified performance criteria for 2 years. Performance of tapes is not projected to change even after shelf life expires, but it is recommended that the tapes be used within two years.
Conflict Minerals	Conflict Minerals refers to illegal mining of minerals or other derivatives (Tin, Tantalum, Tungsten and Gold) mined in the provinces of the DRC (Democratic Republic of Congo). CCL-Olympic does not use Tin, Tantalum, Tungsten or Gold, or any derivative thereof, for the production of any of their products. Official statement available on request.
RoHS	RoHS (Restriction of Hazardous Substances). Olympic hereby confirms that our products from series LBL, 1000, 3000, 5000, 7000, 8000 and 9000 comply with EU Directive 2011/65/EU (RoHS recast/RoHS 2), as amended by EU 2015/863. Official statement available on request.
REACH	Olympic hereby confirms that in case of products from the series LBL, 1000, 3000, 5000, 7000, 8000 and 9000 we always observe the prescriptions of REACH (1907/2006/EC) regulation and the product(s) are fully compliant with the relevant regulation. Official statement available on request.
PFAS	At CCL-Olympic, we want to reassure our customers that our products are entirely free of PFAS (Per- and Polyfluoroalkyl Substances), underscoring our commitment to product safety and environmental responsibility. Official statement available on request.
ISO	CCL Olympic is ISO9001 and ISO14001 certified.

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