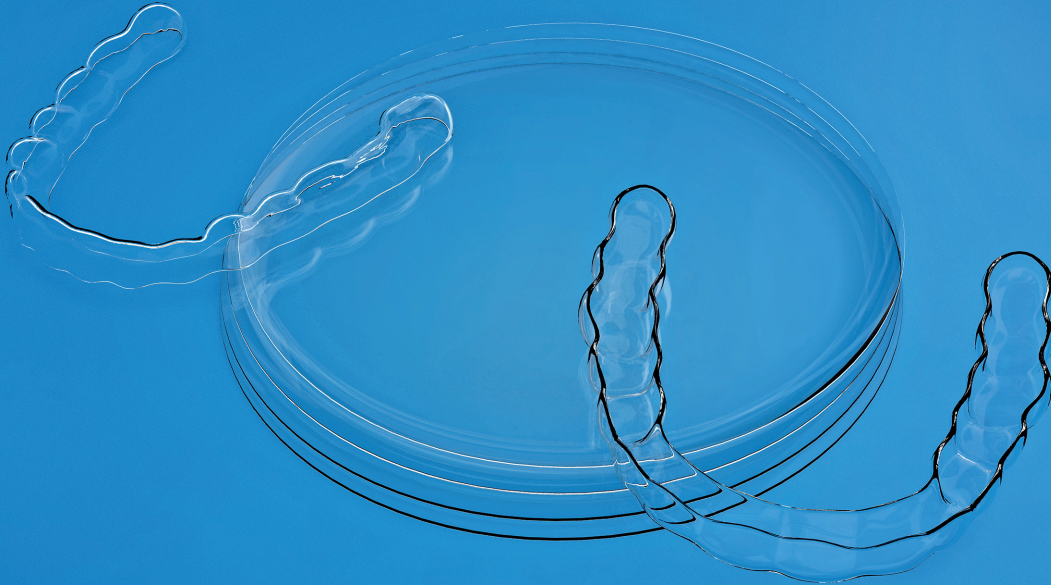




# KRISTAL-CLEAR™

Transparent Thermal Formable Material



## Measure Our Quality by what You Don't See

KRISTAL-CLEAR™ combines remarkable transparency with excellent elastic properties and resistance to fracture – quality you have to experience for yourself to truly appreciate.

KRISTAL-CLEAR™ is a thermoplastic polyester sheet of the highest quality, designed in Italy and manufactured by Covestro, a Bayer Group company.

KRISTAL-CLEAR does not contain Bisphenol and is 100% biocompatible.

Since the polyester used in this product is non-hygroscopic, KRISTAL-CLEAR does not require any pre-drying.

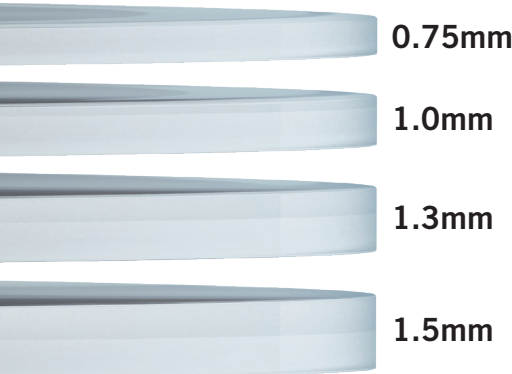
### KRISTAL-CLEAR™ IS IDEAL FOR:

- Clear Retainers
- Invisible Aligners
- Orthodontic Splints
- Indirect Bonding of Orthodontic Brackets
- Trays for Tooth Whitening
- Bruxism Splints





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Not shown at actual size.

		 120mm	 125mm	Recommended Heating Time	Recommended Cooling Time
0.75mm	K-C075S	K-C075		25 sec	60 sec
1.0mm	K-C100S	K-C100		30 sec	60 sec
1.3mm	K-C130S	K-C130		35 sec	90 sec
1.5mm	K-C150S	K-C150		40 sec	120 sec

KRISTAL-CLEAR is available in 120mm and 125mm diameter discs, meeting the requirements of most pressure molding machines on the market today.

## PROTECTIVE FILM

KRISTAL-CLEAR is covered with protective blue film on one side and transparent film on the other side. The transparent film creates a very thin insulating layer to maintain maximum transparency of the material and to facilitate the detachment of the product from the model once molded.

## PRESSURE MOLDING TECHNIQUE

Before molding, the blue film must be removed.

The side of the disc with the transparent film must remain in contact with the model. The transparent film can be easily removed from the model after molding.

To achieve a more precise result and a more resistant product, it is advisable to use pressure molding machines and treat the model in granules.

KRISTAL-CLEAR™ binds with acrylic resins, however, for a better result we recommend using cold resin and a primer specifically designed for cold resins.

## FINISHING

After molding, the KRISTAL-CLEAR™ sheet can be cut with scissors. Refinement can be achieved using any cutter normally used for resin appliances. The edges can be smoothed with a brush cutter.

KRISTAL-CLEAR™ sheets must be kept away from heat sources and direct sunlight.



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