

Temperature Sensitive Liquid Crystal Sheets



Our protected Mylar® Liquid Crystal sheets are a durable solution for thermal mapping. Three to five micron sized crystals dispersed within a polymer matrix exhibit total color spectrum response with temperature change. The LC sheets will retain their fast response and color characteristics for many months. These are durable and will not rupture unless subjected to abnormal pressure. The 12" x 12" sheets can easily be cut to size using scissors. Excellent for a broad range of testing applications such as visual testing and evaluation. Only minimal experimentation is required to conduct tests and be able to interpret the results.

The Liquid Crystal Sheet Assortment Set includes six 6" x 12" x 0.007" liquid crystal sheets, one in each of the temperature ranges listed below. This sampler package is ideal for situations where the temperatures reached are not precisely known or fluctuate over broad ranges.

Description

- 20 - 25° C Temp Range, Liquid Crystal Sheet
- 20 - 25° C Temp Range, Liquid Crystal Sheet w/Adhesive
- 25 - 30° C Temp Range, Liquid Crystal Sheet
- 25 - 30° C Temp Range, Liquid Crystal Sheet w/Adhesive
- 30 - 35° C Temp Range, Liquid Crystal Sheet
- 30 - 35° C Temp Range, Liquid Crystal Sheet w/Adhesive
- 35 - 36° C Temp Range, Liquid Crystal Sheet
- 35 - 36° C Temp Range, Liquid Crystal Sheet w/Adhesive
- 35 - 40° C Temp Range, Liquid Crystal Sheet
- 35 - 40° C Temp Range, Liquid Crystal Sheet w/Adhesive
- 40 - 45° C Temp Range, Liquid Crystal Sheet
- 40 - 45° C Temp Range, Liquid Crystal Sheet w/Adhesive
- Assortment Set, Liquid Crystal Sheet

Stock No.	Price	In Stock
72-375	\$25.00	IN STOCK
83-908	\$29.00	IN STOCK
72-374	\$25.00	CONTACT US
83-907	\$29.00	IN STOCK
72-373	\$25.00	IN STOCK
83-906	\$29.00	IN STOCK
72-372	\$25.00	IN STOCK
83-905	\$29.00	CONTACT US
72-371	\$25.00	IN STOCK
83-904	\$29.00	IN STOCK
72-370	\$25.00	IN STOCK
83-903	\$29.00	IN STOCK
61-161	\$75.00	IN STOCK

Technical Images

