

Reversible Liquid Crystal Polyester Film/Plastic Sheet

With Adhesive Back

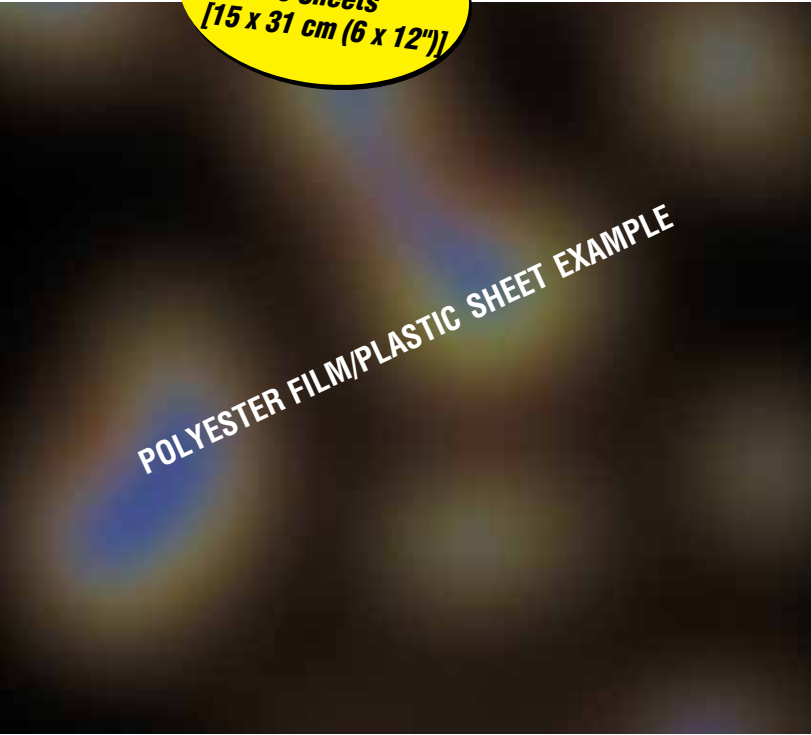
Individual Sheets
Available
[31 x 31 cm (12 x 12")]

Kit Includes
6 Sheets
[15 x 31 cm (6 x 12")]

LCS Series

- ✓ Easy-to-Read
- ✓ Self-Adhesive
- ✓ Reusable

These versatile liquid crystal polyester film/plastic sheets can easily be cut to any size. With a fast response time, these temperature-indicating sheets provide a quick visual readout in laboratory, testing and evaluation applications. Sheets are available in 31 x 31 cm (12 x 12") size or as a kit consisting of six 15 x 31 cm (6 x 12") sheets, approximately 0.25 mm (0.01") thick. A sample pack, including six 15 x 31 cm (6 x 12") sheets, one from each temperature range, is also available as shown in the ordering matrix.



LCS-77, shown much smaller than actual size.

Specifications

Adhesive Tape: Double-coated adhesive tape

Covering Film: Polyester 5 mil stock

Color Change Material: Non-toxic mixture of liquid crystal esters

Accuracy: $\pm 1^{\circ}\text{C}$

Storage Temperature: 21°C (70°F) and 50% relative humidity

Application Data: Apply temperature indicating label to clean, dry surface. Read temperature after colors stop changing. Green is correct reading. If no green is present, temperature reading is between the blue and tan colored boxes

Function: Display of temperature, as indicated by green event

| | |
|--------------|----------------------|
| BROWN | Just above rating |
| GREEN | At rated temperature |
| BLUE | Just below rating |
| BLACK | Otherwise |

To Order

| Individual 31 x 31 cm (12 x 12") Sheet Model No. | Kit, Six 15 x 31 cm (6 x 12") Sheets Model No. | Temperature Range |
|--|--|--|
| LCS-77 | LCS-77-KIT | 20 to 25°C (68 to 77°F) |
| LCS-86 | LCS-86-KIT | 25 to 30°C (77 to 86°F) |
| LCS-95 | LCS-95-KIT | 30 to 35°C (86 to 95°F) |
| LCS-97 | LCS-97-KIT | 35 to 36°C (95 to 97°F) |
| LCS-104 | LCS-104-KIT | 35 to 40°C (95 to 104°F) |
| LCS-113 | LCS-113-KIT | 40 to 45°C (104 to 113°F) |
| | LCS-KIT | Six sheets, one of each temperature range, listed above |

Ordering Examples: LCS-77, individual 31 x 31 cm (12 x 12") sheets.

LCS-95-KIT, includes 6 sheets, each measuring 15 x 31 cm (6 x 12"), range of 30 to 35°C (86 to 95°F).