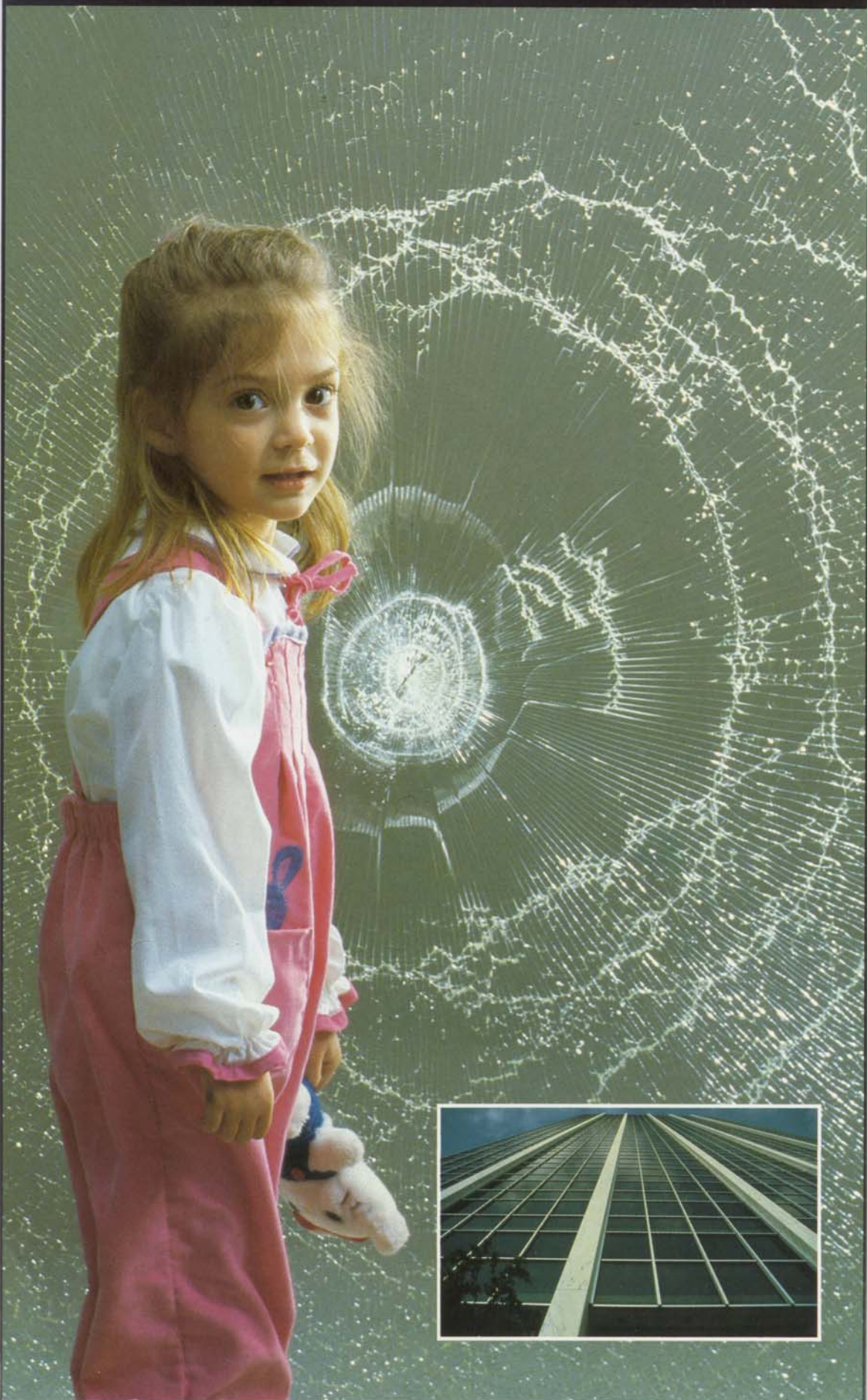


**SAFETY FILM**





*In rigid laboratory tests, a five-pound steel ball dropped from ten feet does not penetrate LLumar film.*

## Introduction

All LLumar® films are safety films. Bonded to glass by unique adhesives developed through years of research, even the thinnest of films forms a tough barrier that holds shattered glass in place. But some LLumar® products are specially designed for maximum safety and protection.

LLumar SCL Series works like an invisible shield, helping glass resist penetration as the result of an accident or premeditated act, and reducing the terrifying effects of flying glass by holding together glass fragments. And, as it protects people, SCL-Series quietly protects against the relentless fading and deterioration of furnishings caused by the sun's UV radiation.

## Design Parameters

Thickness is the key design feature which separates SCL-Series from other LLumar products. Available in several thicknesses, these super-tough polyester films are the



*Safety film helps guard against common accidents which often cause personal injury and property damage.*

right choice for most applications where protection from dangerous glass fragments is the prime concern. But the benefit of protection doesn't preclude aesthetic considerations. SCL-Series is optically clear, providing all the advantages of clear glass without distortion and without a yellowed, cloudy or frosted overcast.

## Special Properties

In addition to its exclusive properties, SCL-Series incorporates other features common to most LLumar films.

### Scratch-Resistant (SR) Coating

All safety films described in this brochure are available with CPFilms Inc. patented SR coating. The industry's toughest and most durable coating for polyester films, crystal clear SR assures care-free maintenance with most conventional methods of window cleaning. Ask your

LLumar dealer to demonstrate the impressive abrasion protection of the SR coating.

### Ultraviolet Radiation

All films are enhanced with

special inhibiting agents through a process exclusive to CPFilms Inc. SCL-Series films reject up to 99% of the sun's damaging UV radiation, blocking solar radiation in the UV band to dramatically reduce fading and deterioration behind exterior glass.



*Safety film is an invisible barrier across windows, deterring break-ins and smash-and-grab theft.*

## Warranty

Consistent with its superior construction and performance characteristics, all SCL-Series films carry a manufacturer's warranty. Worldwide, there is no better protection available.

### Impact Resistance/ Breaksafe Certification

All the SCL-Series films meet or exceed the specifications and requirements set forth by the American National Standards Institute (ANSI) in its Z97.1-84 test for breaksafe characteristics. Independent, certified test results and details on the ANSI standard are available upon request.

## Quality

CPFilms Inc. is pleased to have strict quality systems and has been ISO 9001 Certified (Certificate Number FM 35957)



Without S-R

With S-R

Without S-R

With S-R

*On window films without a scratch-resistant coating, fine steel wool destroys the film surface.*

*But with LLumar's patented coating, the same steel wool pressure literally shows no abrasion.*



LLumar® Window Film is a registered trademark of CPFilms Inc.  
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