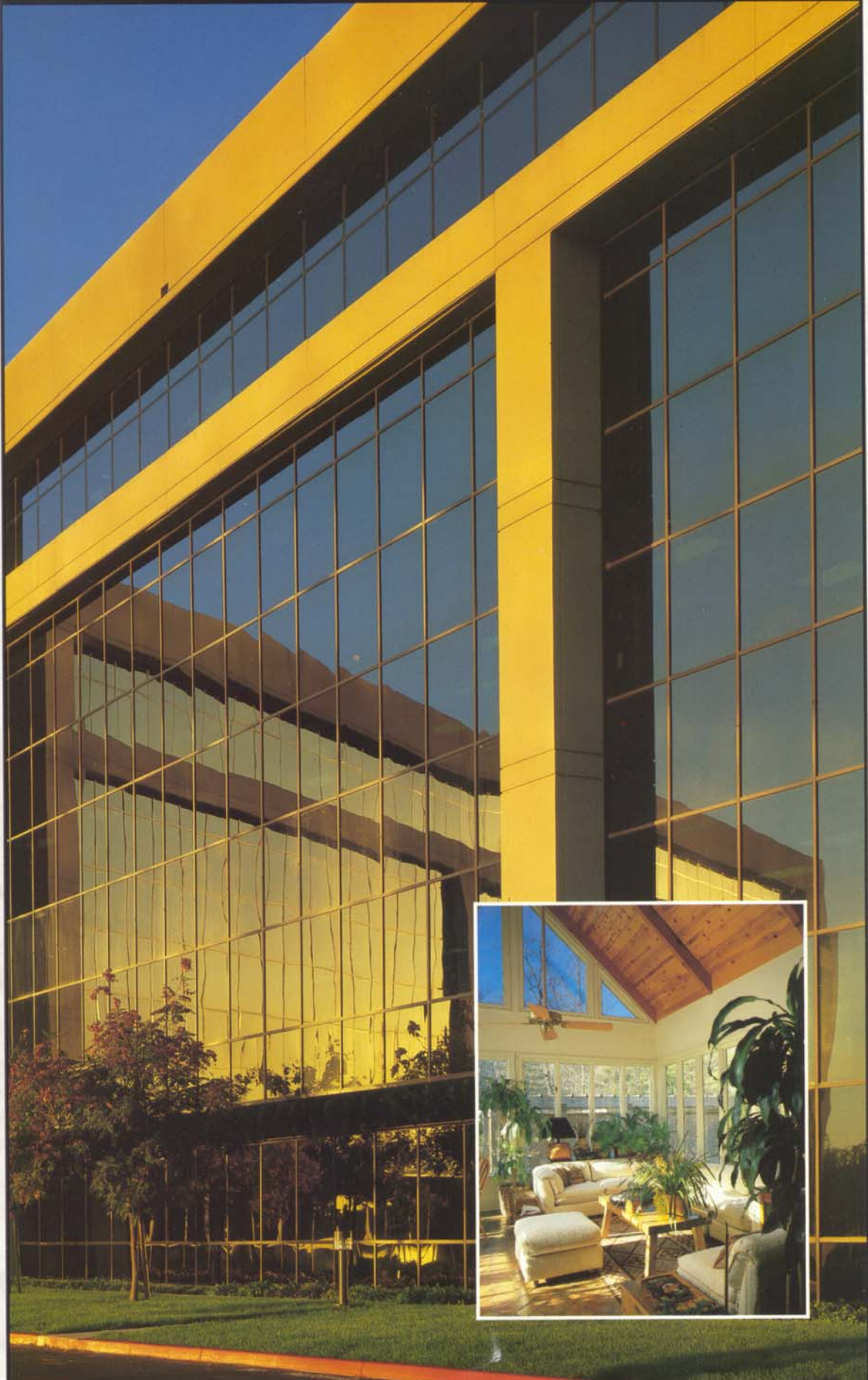


REFLECTIVE AND NON-REFLECTIVE FILM





Reflective films are the top solar-control performers among all films.

Introduction

At CPFilms Inc., proprietary technology and manufacturing prowess have combined to produce the world's leading selection of reflective and non-reflective window films. To meet specific geographic and functional requirements, LLumar film products are diverse in appearance and performance.

Construction Technology Reflective

As the name implies, these films are produced with a metal-reflective surface, a mirror-like finish especially desirable for commercial buildings and other applications where solar energy control or privacy are primary objectives. Reflective Series films are constructed through thermal evaporation, a process in which a micro-thin, partially transparent layer of metal is deposited onto a polyester film substrate. CPFilms is able to incorporate its unique dyeing capability into reflective film to achieve impressive architectural statements. This design capability makes them, as a group, the top solar-control performers among all LLumar films.

Non-Reflective

By impregnating dyes and stabilizers into a polyester film substrate, CPFilms Inc. can produce LLumar film of virtually

any hue or density. Unlike color-coating processes, this patented dyeing process assures films which are more uniform and which last longer.

Special Properties

Although reflective and non-reflective films are very different films intended for very different applications, they all share certain essential properties.

Clear Distortion Free

CDF is unique to LLumar films. The adhesive system forms an actual molecular bond between film and glass, producing an installation of optical clarity and durability unattainable with alternative "tacky" adhesives.

The CDF adhesive system incorporates a clear release liner which protects both film and adhesive from moisture and dirt until the moment of installation.

Manufacturer's Warranty

Consistent with its superior construction and performance characteristics, R and NR Series films carry the most liberal manufacturer's protection in the industry.

Scratch-Resistant (SR) Coating

Many films described in this brochure are available with CPFilms' 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



A patented dyeing process produces non-reflective films with any hue or density.

of window cleaning. Ask your LLumar dealer to demonstrate the impressive abrasion protection of the SR coating.

Special Safety Protection

Like all LLumar films, R-Series and NR-Series are made from a super tough polymer with muscle to hold window glass in place in the event of an accident or vandalism. By preventing flying glass, they protect people and property.



The choice of films depends to a large extent upon geographical considerations.

Ultraviolet Radiation

Impregnated with special inhibitors, the films reject up to 99% of the sun's UV radiation,

significantly reducing damage to furnishings and fabrics from sun fading.



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. Martinsville, VA 24115 540/627-3000

LLumar® Window Film is pleased to have strict quality systems and has been ISO 9001 Certified (Certificate Number FM 35957)

The nature of certain delicate fabrics and dyes will lead to premature fading regardless of the application of any window film protective treatment

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