

# SCHLEGEL Products Especially Configured for the Printing Industry

Schlegel®

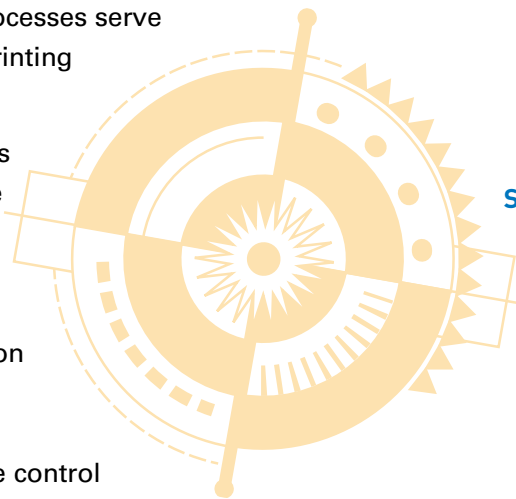
COPIER PRODUCTS

[www.schlegel.com](http://www.schlegel.com)

## SCHLEGEL HAS THE CAPABILITY

Need components that meet the very stringent requirements for printers, copiers, presses, etc.? Schlegel is the world leader in specialized textile pile fabrics and assemblies. Our international team of professionals work to meet the industrial demand for these quality products. Schlegel's design expertise and manufacturing processes serve a wide range of printing applications.

Schlegel engineers can design unique combinations of textiles, rubber, plastic, foam and metal depending on the application requirements. We maintain complete control over advanced technologies of weaving, knitting, extruding and finishing systems for die cutting, hole punching and specialty adhesion to produce quality parts to fit any design configuration. Our textile assemblies are now providing effective solutions to many critical graphic arts dilemmas.



**LIGHT SEALING** is among the most challenging of sealing functions. That's why the Schlegel "perfect fit" is so important in achieving effective results. Urethane foam is extruded, molded and clad in vinyl film to produce a durable, resilient light-tight seal that can withstand continuous use and retain its original shape. Specially woven pile fabrics are also commonly used for important light seal applications. We can design and produce a seal according to your exact specifications for use around a light-tight door, in a cassette, or at film developing and transfer stations. SCHLEGEL® light seals are frequently called upon in manufacturing film and plate processors and phototypesetters.

**FILM AND PAPER TRANSPORT** is involved in almost all stages of a printing process, and Schlegel can provide a motion control product for every stage. Teflon® plush pile is a high lubricity, abrasion-resistant fabric which allows film to move freely while shielding the film from a machine's internal mechanism. As a result, this fabric makes a highly protective covering for rollers and housings as well as a dependable transport belt for safe, smooth movement of film materials.

Monofilament BRISTLEPILE® fabric is available either in angled sections or in continuous length belts, and provides maximum control for positioning and movement of paper or plastic in presses, folders and sorters.

**STATIC DISSIPATION** is handled by LECTRA-CON® conductants. These highly conductive diversified pile assemblies are capable of dissipating up to 99% of a surface static charge. And they are designed to maintain this level of performance for the life of your equipment with virtually no maintenance. You can trust LECTRA-CON conductants to treat photographic and printing materials with care. Ultra-thin filament diameters produce a soft, abrasion-resistant pile fabric, suitable for use in film processors and phototypesetters as well as presses, folding machines and paper and envelope sorters. Depending upon your need, Schlegel can supply you with LECTRA-CON conductants in continuous lengths of fabric or in convenient brush assemblies. In addition to fabrics, conductive rubber and plastic materials are also available to suit your application.

**SCRUBBING AND CLEANING** are recognized by Schlegel as important functions in pre-press photographic processes. That's why we've developed a special line of textile cleaning products. These products are used to remove water and chemicals from the delicate surfaces of film and photosensitive plates.

Fibers are carefully chosen to meet your specifications. Custom blends of yarns and fabrics are available to you in a variety of mountings including flat strips, spiral brushes and sweeps with metal or plastic roll formed backings. Only contamination-resistant yarns are used and careful control of our pile weaving process ensures a uniform product and consistent quality.

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## SCHLEGEL HAS THE EXPERIENCE

Our successful track record in the many areas of graphic arts is proof of our ability to meet the needs of the printing industry. Time after time, the experts at Schlegel have provided major manufacturers with time-saving, money-saving improvements for all types of photo-mechanical equipment. With this kind of experience, you can count on Schlegel for fast, innovative answers to design challenges, large and small.

Schlegel quality products are currently servicing these types of printing equipment:

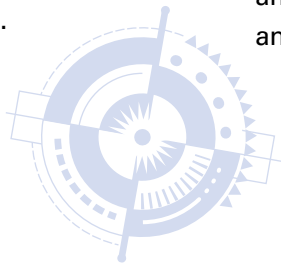
- Cameras
- Color separators
- Phototypesetters
- Film processors
- Plate processors  
(Conventional & Electrostatic)
- Presses
- Duplicators
- Folding equipment
- Dust removal systems
- Collators
- Sorters

## SCHLEGEL HAS YOUR ANSWER

Right from the beginning, Schlegel design experts will work with you, examining specific design criteria to determine your product application and installation requirements. We will create prototypes for you to test and evaluate. And we will continue to work closely with you until a final product is developed that satisfies your needs.

Schlegel Systems, Inc. is active in serving the printing industry with pre-press, press and post-press custom products that provide innovative solutions to all types of design challenges.

We hope you'll take advantage of our experience and our ability to help you find the most effective answer to your printing equipment requirements.



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