



www.sealbrands.com

Neschen Americas
7091 Troy Hill Drive
Elkridge, MD 21075
U.S.A.
Toll Free: 800-257-7325
Tel: 410-540-8900
Fax: 410-579-8960

Neschen Americas Canada
1601 Matheson Blvd. E., Unit 4
Mississauga, Ontario
Canada L4W 1H9
Toll Free: 866-212-7325
Tel: 905-212-9232
Fax: 905-212-9313

CONTACT YOUR LOCAL AUTHORIZED DEALER:

Innovative products. Earth-friendly solutions.



Eco-Logic Manufacturing

Eco-Logic Manufacturing defines our thoughts, processes and actions at SEAL brand. It is a philosophy and methodology based on sound business logic and environmental responsibility. Eco-Logic Manufacturing encompasses our research and development, engineering and manufacturing operations. It embodies our commitment to build products that exceed the highest performance standards, while reducing the impact that these products and their manufacturing have on our environment.

By applying the principles of Eco-Logic Manufacturing, we are doing our part to ensure clean air, clean water, and clean earth, now and for future generations.

Aqueous Technologies Lead The Way

Our state-of-the-art, water-based emulsion adhesive coating technologies ensure extremely low levels of greenhouse gas emissions—Volatile Organic Compounds (VOC's) and CO₂. We utilize a special mixture of water and pressure-sensitive

acrylic polymers to create coating emulsions that maintain VOC levels of less than 0.02 weight-percent of the coating mixture. As a result, total VOC air emissions from our Elkridge, Maryland facility are well below 1,000 pounds per year. And because SEAL water-based products are engineered to dry quickly during the manufacturing process, we have reduced our consumption of natural gas resulting in reduced CO₂ emissions.

Better Performance From Cleaner Materials

Through Eco-Logic Manufacturing, SEAL brand offers a wide array of emulsion-based laminates that achieve performance standards equal to or greater than those of solvent-based technologies with their higher VOC and CO₂ emissions. In addition, the application of Eco-Logic Manufacturing principles to laminating and carrier film engineering has resulted in innovative products and components that are biodegradable, recyclable, or that can be burned in waste-management power generation facilities with minimal environmental impact.

























Comprehensive Earth-Friendly Solutions

We recognize that solvent-based technologies are an integral part of our industry. While we offer a range of solvent-based products to meet market demands and specific application requirements, we are sincerely committed to the development of high-performance products that are less harmful to the environment.












Through our research and development, and cooperative efforts with suppliers and industry partners, we are working on image finishing and display solutions that are 100% ecologically sound while providing the innovation, versatility and durability our customers require. Our focus on Eco-Logic Manufacturing is providing an industry-leading example for the evolution of environmentally responsible graphics solutions. At SEAL brand, we are continually working to gain your trust in these ecologically friendly solutions, so that together we are contributing to a cleaner, brighter future for everyone.

SEAL® Ecologically Manufactured Products







SEAL® Pressure-Sensitive Laminating Films

| PRODUCT | RATING | FILM | RELEASE LINER | ACRYLIC ADHESIVES |
|--------------------|---|---------------|--|---|
| Print Shield® | | | | |
| Standard UV Gloss |  | Vinyl |  Siliconized glassine paper |   Water-based |
| Standard UV Luster |  | Vinyl |  Siliconized glassine paper |   Water-based |
| Standard UV Matte |  | Vinyl |  Siliconized glassine paper |   Water-based |
| Floor Guard® |  | Vinyl |  Clay coated kraft paper |   Water-based |
| Deep Crystal |  | Polyester |  Siliconized glassine paper |   Water-based |
| SEAL® Write |  | Polypropylene |  Siliconized glassine paper |   Water-based |





SEAL® Pressure-Sensitive Mounting Adhesives

| PRODUCT | RATING | FILM | RELEASE LINER | ACRYLIC ADHESIVES |
|--------------|---|-------------------------------|--|---|
| Print Mount® | | | | |
| Metal-X™ |  | Metalized white polypropylene |  Siliconized glassine paper |   Water-based |
| White |  | White polypropylene |  Siliconized kraft paper |   Water-based |
| Removable |  | Vinyl | PE coated kraft paper |   Water-based |

SEAL® Pressure-Sensitive Backing Films

| PRODUCT | RATING | FILM | RELEASE LINER | ACRYLIC ADHESIVES |
|------------------|---|--------------------|-----------------------|---|
| PS Stopligh® 220 |  | Polyester/aluminum | PE coated kraft paper |   Water-based |
| PS Stopligh® 320 |  | Polyester/aluminum | PE coated kraft paper |   Water-based |

KEY

-  = Eco-Logic Manufacture Rating
-  = Recyclable
-  = Biodegradable
-  = Aqueous technology / water soluble