

Film and Converting



Spartech Polycom

Calendered & Converted Products

Quality Products

Unparalleled Consistency

World Class Designs

Outstanding Service

Vibrant Colors



Film and Converting Division

Spartech Corporation is a leading producer of engineered thermoplastic materials, polymeric compounds, molded and profile products, and is referred to in the industry as an intermediate plastics processor. Our Film and Converting Division produces vinyl and specialty films from matte to high gloss using a calendering process for optimal color, consistency, and smoothness. We also convert imagery by printing, coating, and laminating films and papers.

Major trade segments in which our products are used include:

- Recreational vehicles
- Decorative cap
- Label and decal applications
- Flooring
- Kitchen and bath
- Wallcovering
- Window profile



Customer Service

From first contact to completed project, our staff knows the value of courtesy, accuracy, and quick response. Spartech's customer service includes:

- State of the art ERP system
- Product and industry savvy associates
- Timely and accurate responses within 24 hours
- Regular customer satisfaction surveys

Sales

Spartech's Regional Sales Managers and support staff provide personal service throughout specific geographic regions and from the home office.

Sales support includes:

- Total account management and team selling
- Joint sales calls with customers
- Proactive engagement in product recommendations, consultation, and partnerships
- One stop shop with calendaring, converting, and laminating capabilities

Shipping

Spartech's customers receive well documented, well protected, and properly labeled shipments on time. Shipping experience includes:

- Customized shipping and packaging to customer standards
- Focus on product protection, customer utility, and durability
- Shipping materials and packaging methods that provide product protection, customer utility, durability, and value





Wood Grain Prints and Decorative Laminates

Spartech is noted for exceptional, realistic wood grain, and natural stone designs which are reproduced on rigid, semi-rigid, and flexible films to meet a wide range of applications. Spartech's designs are also printed on paper, offering thousands of finish options to meet the widest variety of needs in the market today.



Thermoformable Laminates (Decorative Cap)

Transforming a shaped or formed part into a functional element with great aesthetic appeal is a process for which Spartech is renowned. The films we produce are laminated to a substrate material to meet a specific design application, producing a finished product with smooth contours and no seams or joints to separate or peel. Design prints are applied to materials such as acrylic, vinyl, styrene, ABS, and special films—each requiring a special process. Korad® acrylic film is available for superior weatherability, printability, and embossibility.



Our wood and stone patterns include:

- oak
- ash
- pine
- walnut
- hickory
- cherry
- maple
- granite
- slate
- marble
- and many others



Technical Group

Spartech Polycor's Technical Group has over 100 years of combined industry experience by trade channel and is customer specific. Our Technical Group attributes include:

- On site surveys and technical assessments
- Metrics conducted on a regular basis to monitor and enhance product quality
- Product review by application based upon input from our customers to ensure that product recommendations meet the criteria for the application
- Off the shelf and customized product input



The Color Process

Color is critical in our business and that of our customers. Whether creating brilliant, bursting color for original projects, or matching existing color schemes and textures, color experts and production technicians use carefully developed processes to deliver the most attractive and durable color products on the market today.



Design Group

Spartech's Design Group creates unique patterns and colorations that prove appealing and useful in our customers' varied applications. The Spartech Design Group includes distinguishing differences such as:

- Research in quarries, galleries, furniture, kitchen and bath segments.
- Industry leadership in industry functions such as Color Marketing Group (CMG)
- Unsurpassed color matching and blending
- Over 50 years of combined product and design leadership
- Unsurpassed library of design patterns





Calendered Films

Vibrant colors, high gloss, color stability, and “lay flat” excellence are the key features in the Spartech line of colored vinyl films. Our customers know they can count on these attributes consistently for trouble-free processing and for the highest in customer satisfaction. Our products can be formulated for long life with color-enhancing UV stabilizers and without lead-bearing ingredients. Our specialty is state of the art polymeric, thin gauge films.



Although high gloss continues to grow, we provide a range of gloss and matte finishes to meet functional or aesthetic requirements. Our coating, embossing, and laminating abilities allow product latitude unmatched in the industry. Coatings are frequently applied to protect or to prepare a surface for further processing, such as printing or adhesive application.



The ability to produce film of superior quality and performance has taken years of development in color science, quality assurance processes, machinery improvements, manufacturing processes, and employee development. The range of finishes we achieve puts Spartech on the leading edge of film making and enables us to provide the most versatile products in the market today.



Laminating, Coating, & Surfacing

At Spartech, creative combinations of coating, embossing, and laminating processes provide choices unmatched in the industry. The lamination process is frequently used for film-to-film adherence, and backings can be applied to films to provide a better bond to certain substrates. Over-lamination of clear films is undertaken for protection, appearance, or multi-layer construction requirements.



Laminate surfaces can be coated for subsequent operations, such as the application of materials for UV resistance, surface durability, release capability, or to prepare surfaces for inks and adhesives. Spartech's coating process ensures consistent application of all materials and a full range of rich colors.

Surfacing is achieved by embossing techniques as well as by calendering and printing methods. From wood grain ticks to simple textures to suede-like finishes, Spartech uses simple mechanical applications as well as advanced optical techniques to achieve a variety of surface effects.

Typical Applications for Spartech Decorative Film

| Application | Film Designation and Type | Notes and Options |
|------------------------------------|---|--|
| Speakers | CA semi-rigid vinyl | Solid colors, top coated, can be embossed, high opacity |
| | KA semi-rigid vinyl | Printed, top coated |
| Cabinets, Furniture, and Panels | RE, RL, RX rigid vinyl | Reverse printed, RX is embossed |
| | RW rigid vinyl backing, can be embossed | Reverse printed, non woven |
| | PA paper | Printed paper, top coated |
| Cabinets and Furniture Doors | RF rigid vinyl | Solid color, top coated, tie coated, can be embossed |
| | RR rigid vinyl | Printed, top coated, tie coated, can be embossed |
| Shelving and RTA Furniture | CT semi-rigid/flexible vinyl | Solid color, can be embossed, high opacity, can be printed |
| | CW semi-rigid/flexible vinyl | Solid color, can be embossed, high opacity, can be printed, non woven backing |
| Cabinet Stiles and Rails | SR semi-rigid vinyl | Reverse printed clear, can be embossed |
| Window/Door Profiles | KV semi-rigid vinyl | Printed, clear overlamine, can be embossed, high opacity |
| | KW semi-rigid vinyl | Printed, clear overlamine, can be embossed, high opacity, with non woven backing |
| Drawer Wrap | CO rigid vinyl | Surface printed, can be embossed |
| Decorative Cap (Thermoformable) | Styrene rigid film abrasion resistant | Reverse printed, thermoformable, |
| | Acrylic rigid film abrasion resistant | Reverse printed, thermoformable, |
| | ABS rigid film | Solid color, can be printed, top coated |
| Floor Tile | FV semi-rigid/flexible vinyl | Reverse printed clear film |
| Cove Base Molding | DA flexible vinyl | Printed |
| Shower Surrounds | KD | Printed |
| Label & Decal | SE | Matte, semi-ridged to flexible |
| | SD | Semi-gloss |
| | DH | High gloss |



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