



FPA Flexible Packaging
Association

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2019

**Flexible Packaging
Achievement Awards
& Innovation Showcase**

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The Flexible Packaging Achievement Awards & Innovation Showcase

The Flexible Packaging Association (FPA) is pleased to present the *2019 Flexible Packaging Achievement Awards and Innovation Showcase*, which features flexible packaging solutions that meet expectations and needs through advancements in materials, graphics, structure, new uses, extended shelf life, and sustainability.

The Achievement Awards section of the *Showcase* highlights the 14 winning entries, arranged by award level: Highest Achievement, Gold, and Silver. Entry categories included: Expanding the Use of Flexible Packaging; Packaging Excellence; Printing and Shelf Impact; Sustainability; and Technical Innovation. The Innovation Showcase section includes the competition entries, which are presented in alphabetical order by package name. This year, 54 packages were submitted in the competition, with a total of 140 entries (some packages were entered into multiple categories).

FPA congratulates the winners and thanks all the companies that participated in the FPA 2019 Flexible Packaging Achievement Awards Competition. Special thanks are given to the 2019 competition judging panel: Cory Francer, Senior Editor, *packagePRINTING* magazine; Robert Kimmel, Sc.D., Associate Professor and Director, Clemson University Center for Flexible Packaging, Clemson University; and David Luttenberger, Global Packaging Director, Mintel Group Ltd.

A comprehensive list of FPA converter and associate members is also included, beginning on page 13. For additional information on all the entries, including end-user/customer, plant, designer/design firm, key suppliers and detailed package descriptions, visit the FPA 2019 *Innovation Showcase* on our website, www.flexpack.org



HIGHEST ACHIEVEMENT AWARD

The Highest Achievement Award is evaluated by the judges as possessing overall packaging excellence, significant attributes in all award categories, and contributing most to the advancement of the industry.



Molson Coors — 12 Pack Cooler Bag

Highest Achievement Award

Gold — Expanding the Use of Flexible Packaging

Gold — Printing & Shelf Impact

Silver — Packaging Excellence

Manufacturer: Bemis Company, Inc., www.bemis.com/na

End-User/Customer: Molson Coors Brewing Company

Plant: Oshkosh, WI

Designer/Design Firm: Viviana Gardener and Turner Duckworth

Key Suppliers: Bemis Company, Inc. and Aplix

Description: Molson Coors' 12 Pack Cooler Bag creates a fresh take on the ubiquitous beer carton. The new flexible bag delivers portable convenience with a pouch that expands into a larger, reusable bag that provides additional convenience features. This innovative package features easy-carry handles and can go directly into the refrigerator or cooler. The film's sturdy, high performance structure allows consumers to reuse the bag. Reusability provides brand benefits to communicate benefits and quality to brand-loyal consumers over and over again.

GOLD AWARDS

For more information, visit www.flexpack.org.
Listed alphabetically by package name.



Harney & Sons Master Tea Blenders Pouch

Gold – Sustainability

Gold – Packaging Excellence

Silver – Technical Innovation

Manufacturer: TC Transcontinental Packaging, www.tc.tc/packaging

End-User/Customer: Harney & Sons Master Tea Blenders

Plant: Richmond, Vancouver, Canada

Designer/Design Firm: Harney & Sons

Key Suppliers: Charter Nex Films: They supplied both films; The Dow Chemical Company: provided the Dow Retain Resin; Presto Zipper: 106DS SSME; Inks: Siegwirk for reverse print and Sun Chemical for the surface print Matte Varnish; Press: Windmoller & Holscher or W&H model Miraflex S; Print Sleeves: Rossini NA; Anilox Sleeves: Pamarco Global; Mounting Tape: L-1020 from 3M; Printing Plates: DuPont Fast Dri – DFR plate material; Adhesive: Henkel Adhesives, 7660/6029 Solvent Free; Laminator: Nordmeccanica Combi 3000; Slitter: Deaco model C800; Bag Machine: Totani CT-60DL

Description: Harney & Sons desired a flexible pouch with luxurious graphics that would protect the aroma and flavor of their fine teas while supporting their environmental values. TC Transcontinental Packaging, in collaboration with Charter NEX Films, Inc. and The Dow Chemical Company, achieved all of Harney & Sons' key criteria of excellent shelf appeal, shelf life, and recyclability. This pouch is the first commercial example of a package which contains EVOH, for oxygen barrier, and moisture barrier properties in a format which is 100% recyclable for in-store drop-off.

Nutro Ultra Grain Free

Gold – Printing & Shelf Impact

Manufacturer: Plastic Packaging Technologies, LLC,
www.plaspack.com

End-User/Customer: Nutro

Plant: Kansas City, KS

Designer/Design Firm: Information not available

Key Suppliers: Information not available

Description: This Nutro Ultra Grain Free flat bottom box pouch offers a powerful shelf presence through providing purposeful features. The straight sides of the flat bottom enables excellent casing and freight density, outstanding shelf presentation at retail, and ideal home storage. The resealable feature also enables the consumer to keep the product fresher for longer periods of time without having to switch it to a new container. With the eye popping graphics on the package, this product sets itself apart from the rest of the market place.



GOLD AWARDS

For more information, visit www.flexpack.org.
Listed alphabetically by package name.



Willow® Pump Leak-Proof Pouch

Gold — Technical Innovation

Silver — Expanding the Use of Flexible Packaging

Silver — Packaging Excellence

Manufacturer: Vonco Products, LLC, www.vonco.com

End-User/Customer: Willow® Pump

Plant: Trevor, WI

Designer/Design Firm: Information not available

Key Suppliers: The Willow® team in conjunction with Vonco, the manufacturer of the Willow® spill proof milk bag, were the key contributors to the success and development of this packaging.

Description: Willow® is the world's first all-in-one wearable breast pump that fits inside a bra. Integral to the system is a doughnut shaped milk bag. Each disposable bag holds 4 oz. and features a one-way valve so milk goes in and doesn't come out. A fresh bag is tucked inside the Willow® pump for each use. Moms can either pour the milk into a bottle for immediate use or they can store it in the refrigerator or freezer.

SILVER AWARDS

For more information, visit www.flexpack.org.
Listed alphabetically by package name.



AMSOIL® Easy Pack

Silver — Printing & Shelf Impact

Manufacturer: AMSOIL INC., www.amsoil.com

End-User/Customer: AMSOIL INC.

Plant: Superior, WI

Designer/Design Firm: AMSOIL INC.

Key Suppliers: Information not available

Description: AMSOIL® Easy Packs are a revolutionary solution to a longstanding problem. From DIYers to professional mechanics, rigid bottles make dispensing fluids difficult in the confined spaces of modern vehicles, resulting in wasted product, spillage, and a poor user experience. The flexibility of the AMSOIL® Easy Pack, integrated handle, and ergonomic design provide confidence and ease-of-use when maneuvering in tight spaces. No need for specialty tools, funnels, pumps, etc.

Bar-Asept

Silver — Technical Innovation

Manufacturer: Liqui-Box Corporation, www.liquibox.com

End-User/Customer: Aseptic FFS Pouch Customers

Plant: Germantown, WI

Designer/Design Firm: Information not available

Key Supplier: Sonoco

Description: Liqui-Box Bar-Asept high barrier adhesive laminates are used for aseptic sauce packaging and other food products. These new adhesive laminates use high-performance sealants and high barrier coextrusion layers that have excellent sealability (ability to seal through food particulates). They have excellent oxygen barrier, superior robustness, and excellent processing characteristics. The laminates are designed to work with and without a fitment attached, depending on customer requirements, to significantly reduce field leaker rates with outstanding barrier performance.



SILVER AWARDS

For more information, visit www.flexpack.org.
Listed alphabetically by package name.



Before Brands SpoonfulOne Strawberry Puffs

Silver – Printing & Shelf Impact

Manufacturer: CL&D Graphics, Inc., www.cldgraphics.com

End-User/Customer: Snacks for Toddlers/Before Brands

Plant: Oconomowoc, WI

Designer/Design Firm: Before Brands, Inc.

Key Suppliers: Film Suppliers: Base Film, Pilcher, 50ga PVDC-PET; Laminate, Charter NEX, 3MIL White LLDPE; Printing Press Supplier: the 50ga PVDC-PET film was printed on CL&D's 10 station in line PCMC flexo press utilizing solvent-base ink by Sun Chemical; Adhesive Supplier: Sun Chemical

Description: Before Brands SpoonfulOne Strawberry Puffs Gusset Pouches are an excellent example of how converting to flexible packaging creates exceptional brand management. The new, improved packaging creates a colorful, exciting gusset pouch with bold colors and a matte finish to emphasize the many features of their product. Before Brands SpoonfulOne Strawberry Puffs is a gusset pouch that contains seven snack packs.

ConAgra Slim Jim Premium Smoked Sticks

Silver – Printing & Shelf Impact

Silver – Packaging Excellence

Manufacturer: Bemis Company, Inc., www.bemis.com/na

End-User/Customer: ConAgra

Plant: Oshkosh, WI

Designer/Design Firm: Information not available

Key Suppliers: Information not available

Description: Leveraging innovative printing technology, Bemis developed this leather print package for Slim Jim. The simulated leather texture and look is an emerging packaging technology, primarily used in printing and graphics to deliver additional cues of authenticity and quality. This printing innovation enabled brand extension and premiumization for Slim Jim through a visually and texturally differentiated experience from traditional meat stick offerings, while still maintaining critical brand recognition.



SILVER AWARDS

For more information, visit www.flexpack.org.
Listed alphabetically by package name.



Dole Crafted Smoothies

Silver — Sustainability

Manufacturer: Emerald Packaging, Inc., www.empack.com

End-User/Customer: Dole Packaged Frozen

Plant: Union City, CA

Designer/Design Firm: Dana Saputo Design

Key Suppliers: Commex Corp., 1 mil PE (for clarity and gloss); Commex Corp., 2 mil PE Sealant for rigidity; CAI Inc., solvent based inks; Ashland Inc., waterbased adhesives; Windmoeller & Hoelscher Corp., 10 color Miraflex printing press

Description: The Dole Crafted Smoothies Blend is a series of three SKUs launched in early 2018. This PE/ink/waterbased adhesive/PE pouch provides all the required functional and aesthetic properties while utilizing 100% recyclable films. Emerald developed a recyclable alternative, moving the original PET/PE structure to a PE/PE structure. The non-recyclable laminated PET web was replaced by recyclable polyethylene (PE), making it a PE/PE recyclable pouch. It is printed 10 colors on a Windmoeller & Hoelscher Miraflex printing press for dynamic graphics and shelf appeal in the supermarket. The PE/PE pouch offers the same convenience and performance of multi-material pouches with the added benefit of being recyclable where PE bag and film recovery efforts currently exist.

FLEXMAX™ Packaging for Floor Care Products from Midlab®

Silver — Expanding the Use of Flexible Packaging

Manufacturer: Printpack, www.printpack.com

End-User/Customer: Midlab®

Plant: Grand Prairie, TX

Designer/Design Firm: Information not available

Key Suppliers: Information not available

Description: Printpack's FLEXMAX™ container is a flat-folding, dual-wall 2.5 gallon flexible pouch with the cold temperature drop-impact strength necessary for the containment of large volume liquids. Fitted with a 38mm HDPE spout for easy pouring and reclosure, FLEXMAX™ combines high stiffness, toughness, and high and low temperature resistance properties in its proprietary-formulated, dual-wall pouching/bagging films. Aggressive chemical and environmental stress-crack resistance completes the package.



SILVER AWARDS

For more information, visit www.flexpack.org.
Listed alphabetically by package name.



Green Giant Veggie Spirals™ PrimaPak® Package

Silver — Expanding the Use of Flexible Packaging

Silver — Technical Innovation

Silver — Packaging Excellence

Manufacturer: Sonoco Flexible Packaging, www.sonoco.com

End-User/Customer: Grower's Express/B&G Foods Inc.

Plant: Elk Grove Village, IL

Designer/Design Firm: Information not available

Key Suppliers: Ilapak Vertical Form-Fill-Seal Line

Description: The Green Giant Veggie Spirals™ PrimaPak® package is a flexible, stackable, resealable package produced from a single roll of film on modified Ilapak vertical form-fill-seal machinery. The microwaveable packaging is designed with vent holes, as well as a peel reseal lid, for easy opening. The consumer has the option to microwave, blend additional ingredients, and serve directly out of the package, without the need for a bowl or serving dish.

JBS-Swift Printed Ovenable Meat Packaging (OvenRite®)

Silver — Technical Innovation

Manufacturer: Bemis Company, Inc., www.bemis.com/na

End-User/Customer: JBS Inc.

Plant: Oshkosh, WI

Designer/Design Firm: Information not available

Key Suppliers: Bemis Company, Inc. and JBS Inc.

Description: OvenRite® packaging is a fully printed ovenable film with high quality graphics for meat and seafood. The film is available in premade pouches or form/fill/seal rollstock. Products can go straight from refrigerator or freezer to the oven while producing a consistent final product with minimal preparation and cleanup. This technology self-vents steam for optimum browning but maintains tenderness and moisture for added flavor. Ovenable inks are used to replace removable labels found on prior cook-in offerings to deliver convenience.



SILVER AWARDS

For more information, visit www.flexpack.org.
Listed alphabetically by package name.



A Sensational Pouch

Silver – Technical Innovation

Silver – Printing & Shelf Impact

Silver – Packaging Excellence

Manufacturer: St. Johns Packaging Ltd., www.sjpack.com

End-User/Customer: Information not available

Plant: Greensboro, NC

Designer/Design Firm: Internal Graphics Team

Key Suppliers: Three ply lamination utilizing 70 Gauge Kares Luxe film from Nobelus, as the print web. Sun Chemical inks and Ashland solventless adhesives were used. Idemitsu's linear tear Plaloc Press-to-Close zipper was applied. Design and plates were completed in-house at St. Johns Packaging, Greensboro, NC.

Description: This promotional pouch was designed to introduce a new soft touch film in a flexible packaging application. Use of graphics and the linear tear PLALOC zipper were part of the effort to showcase St. Johns' packaging capabilities to the market. In an effort to "grab" the customer's attention on the crowded store shelf, the promotional pouch highlights the use of both the visual and tactile aspects of a flexible package. In addition, the use of a gold hot stamp, "Certification of Quality Guarantee" in a flexible application, truly sets this pouch apart in the market.

Sustainable Pouch with Easy-Lock (APLIX) Reclosable Feature

Silver – Sustainability

Manufacturer: St. Johns Packaging Ltd., www.sjpack.com

End-User/Customer: Information not available

Plant: Greensboro, NC

Designer/Design Firm: Internal Graphics Team

Key Suppliers: Films were supplied by Charter NEX Films. The structure utilized two webs of their "Green Arrow" film grades which are designed for recycling as an ALL-PE flexible package. Sun Chemical inks and Ashland solventless adhesives were used. APLIX Easy-Lock closure feature was applied.

Printed on W&H 10-Color CI Press. Design and plates all done in-house at St. Johns Packaging, Greensboro, NC.

Description: This promotional pouch was designed to showcase the internal pouch making capability at St. Johns Packaging with an all PE structure that addresses the consumer, retailer, and consumer product companies' demands for more environmentally friendly packaging. The design of the package was developed internally, with the side panels of the pouch being utilized to showcase each of the companies involved with the help of a QR Code, allowing for quick access to that company's website.



FLEXIBLE PACKAGING INNOVATION SHOWCASE

The Innovation Showcase highlights the 2019 competition entries.
For more information about these packages, visit www.flexpack.org.



BioTuf® Compostable Can Liner

Manufacturer: Novolex, www.novolex.com

End-User/Customer: Multiple, including Sysco, Waxie, Staples, Microsoft, Google

Plant: Logan Township, NJ

Designer/Design Firm: Novolex Corporate Market Development Team

Key Suppliers: None, this product was developed independently by Novolex using a proprietary blend of raw materials available in the marketplace.

Description: Certified by the Biodegradable Products Institute (BPI), these bags are strong and durable for transporting waste materials, yet will compost in a municipal facility creating the perfect zero waste solution. BioTuf® Compostable can liners have superior load and lifting strength as well as puncture resistance. BioTuf® is a perfect solution for disposal of organic, compostable materials, such as yard waste, food scraps, and other compostable products. BioTuf®, tough on trash, easy on the environment.

Breast Cancer Awareness Pink T-Shirt and Sinewave Bags

Manufacturer: Novolex, www.novolex.com

End-User/Customer: Multiple, including Rouse's, Bunzl, Eatzi's

Plant: Milesburg, PA

Designer/Design Firm: Novolex Corporate Market Development Team

Key Suppliers: None, this product was developed independently by Novolex using a proprietary blend of raw materials available in the marketplace.

Description: Breast Cancer Awareness Pink Bags are offered in two formats — T-shirt and Sinewave. These bags, which bear the Breast Cancer Awareness logo along with a “thank you” message, offer retailers an opportunity to raise awareness about the importance of early detection of breast cancer while going about their daily business. For every bag sold, Novolex makes a donation to the American Cancer Society for breast cancer research.



Chewter's Cacao Nibs

Manufacturer: TC Transcontinental Packaging, www.tc.tc/packaging

End-User/Customer: Chewter's

Plant: Richmond, British Columbia, Canada

Designer/Design Firm: Information not available

Key Suppliers: Film Quest: Matte coated PET; Sealant was blown at TC Flexstar; Presto Zipper: 106DS SSME; Inks: Siegwirk; Press: Windmoller & Holscher or W&H model Miraflex S; Print Sleeves: Rossini NA; Anilox Sleeves: Pamarco Global; Mounting Tape: L-1020 from 3M; Printing Plates: DuPont Fast Dri — DFR plate material; Adhesive: Henkel Adhesives, 7660/6029 Solvent Free; Laminator: Nordmeccanica Combi 3000; Slitter: Deaco model C800; Bag Machine: Totani CT-60DL

Description: The Chewter's Cacao Nibs stand-up package's graphics command stand out shelf presence with a beautiful print reproduction attained through 8-color flexographic printing using 133 line screen and Samba Screening. The project was reverse printed and laminated onto a matte white polyester film.

FLEXIBLE PACKAGING INNOVATION SHOWCASE

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Crunchmaster Protein Brownie and PUMPKIN HARVEST Pouches

Manufacturer: PPC Flexible Packaging, www.ppcfex.com

End-User/Customer: TH Foods

Plant: Rome, GA

Designer/Design Firm: Spark

Key Suppliers: Information not available

Description: The Crunchmaster pouches are a 3-ply structure with an adhesive and extrusion pass. The substantial weight of the film contributes to a premium look and feel. The sealant film includes linear tear properties to improve the consumer experience. The middle ply is a metallized polyester film with enhanced optical density which improves barrier, product freshness, and structure integrity. The resealable package offers convenience while maintaining product quality.

Cryovac® FlexPrep™ Portion Control Dispensing System

Manufacturer: Sealed Air Corporation, www.sealedair.com

End-User/Customer: Information not available

Plant: Charlotte, NC

Designer/Design Firm: Information not available

Key Suppliers: Franke

Description: The Cryovac® FlexPrep™ Portion Control Dispensing System is an innovative flexible condiment and sauce dispensing solution that improves BOH (Back-of-House) operational efficiency, provides superior condiment yield, and manages portion control providing overall operator cost savings.



Deco Pro

Manufacturer: HQC Inc., www.hqcinc.com

End-User/Customer: Brill

Plant: Oswego, IL

Designer/Design Firm: HQC Inc.

Key Suppliers: The fitment was 100% designed, prototyped, and commercialized at HQC

Description: Deco Pro is a pouch filled with pre-colored buttercream frosting with a multipurpose pouch fitment allowing the operator of the pouch to use multiple designs for bakery product decorations. The buttercream frosting is ready to use and in a completely sealed package, which decreases the effort for the operator and cost to "mix" the product. Deco Pro is a ready to use product which can be used multiple times by using the resealable closure.

FLEXIBLE PACKAGING INNOVATION SHOWCASE

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Diced Fruit Cup with Flexo Printed Retort Lidding/ Next Generation Sealant Film

Manufacturer: Printpack, www.printpack.com

End-User/Customer: Burnette Foods, Inc.

Plant: Villa Rica, GA

Designer/Design Firm: Information not available

Key Suppliers: Information not available

Description: Burnette Foods' diced fruit cups utilize clear lidding printed with flexo inks, instead of rotogravure, and are laminated to Printpack's next generation easy peel sealant film suitable for retort applications. Flexo printing allows for cost effective production of multiple SKUs, while the next generation sealant film simplifies the structure and materials supply chain. Both improvements over traditional rotogravure printed retort films withstand retort process conditions.

Emami Edible Oil (with Recyclable Barrier Packaging)

Manufacturer: Flex Films (USA) Inc., www.flexfilm.com

End-User/Customer: Emami Agrotech Ltd.

Plant: Noida, Uttar Pradesh, India

Designer/Design Firm: Uflex Limited — Cylinders Business

Key Suppliers: Uflex is a fully integrated flexible packaging materials and solution company. Emami Edible Oil comes with a recyclable barrier packaging and it has been indigenously manufactured by Uflex (end-to-end) in terms of all raw materials, films, and processes, including the inks and adhesives that have been supplied by our Chemicals Business. The rotogravure cylinder for this job was manufactured at Uflex's Cylinder division.

Description: Edible oil must be protected from oxygen, which makes it rancid. Barrier properties in edible oil packaging are imparted by Nylon/EVOH, however, it is the presence of these elements that makes the packaging of edible oil non-recyclable. Because of their poor recyclability, most of these multilayer structures are usually incinerated/landfilled, negating the circular economy. Uflex devised a formulation that renders packaging for edible oil recyclable despite the presence of Nylon/EVOH.



EZYPRO with ProAmpac PRO-POUCH Touch

Manufacturer: ProAmpac, www.proampac.com

End-User/Customer: Information not available

Plant: Kirchberg, Switzerland

Designer/Design Firm: ProAmpac, EZYPRO

Key Suppliers: Printing, laminating, pouch making, and spout inserting: ProAmpac, Ampac Flexibles AG; Filling and selling: EZYPRO

Description: EZYPRO is a custom spouted, stand-up pouch with a unique shape and a two-year shelf life. EZYPRO is pre-filled with 30g of protein powder. The end-user fills the pouch with water at point of use and shakes to combine the powder before consuming, eliminating the environmental impact and energy required to ship water. It is convenient and is easy to carry, light, and flexible for active users. The pouch is differentiated by the use of a touch coating which is a new textured lacquer that exudes a paper-like, natural, and organic feel to the package.

FLEXIBLE PACKAGING INNOVATION SHOWCASE

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For more information about these packages, visit www.flexpack.org.



Grab-N-Go Handle Bag

Manufacturer: Novolex, www.novolex.com

End-User/Customer: Multiple: Bunzl, Sysco, American Paper & Plastic

Plant: Chicago, IL

Designer/Design Firm: Novolex Corporate Market Development Team

Key Suppliers: None, this product was developed independently by Novolex using a proprietary blend of raw materials available in the marketplace.

Description: This package is a handled bag with a PP tray for roasted chicken or other hot/on the go meals. The handle allows for convenient carrying while the spill-proof tray designed with ridges serves as a heat regulator, controlling purge and internal food temperature. It features a side view window to showcase food quality, driving the impulse purchase of rotisserie chicken. The low profile design fits into heated merchandising cabinets without shelf adjustment, improving operator loading ease and speed compared to other packages, including flat-bottom bags.

Grain Millers: PC Organic Quick Oats

Manufacturer: TC Transcontinental Packaging, www.tc.tc/packaging

End-User/Customer: PC Organics Quick Oats

Plant: Richmond, British Columbia, Canada

Designer/Design Firm: Information not available

Key Suppliers: Film Quest: Matte coated PET; Sealant was blown at TC Flexstar;

Presto Zipper: 106DS SSME; Inks: Siegwerk; Press: Windmoller & Holscher or

W&H model Miraflex S; Print Sleeves: Rossini NA; Anilox Sleeves: Pamarco Global;

Mounting Tape: L-1020 from 3M; Printing Plates: DuPont Fast Dri — DFR plate material;

Adhesive: Henkel Adhesives, 7660/6029 Solvent Free;

Laminator: Nordmeccanica Combi 3000; Slitter: Deaco model C800

Description: The Grain Millers PC Organics Quick Oats stand-up package's graphics command stand out shelf presence with a beautiful print reproduction that attains a rustic and natural look that was attained through 8-color flexographic printing using 133 line screen and Samba Screening. The project was reverse printed and laminated onto a matte polyester film.



Hershey's Milk Chocolate Glow in the Dark Wrapper

Manufacturer: American Packaging Corporation, www.ampkcorp.com

End-User/Customer: Hershey's

Plant: Story City, IA

Designer/Design Firm: Information not available

Key Suppliers: Ink Suppliers: INX and CTI (Chromatic Technologies, Inc.)

Description: To differentiate themselves from the competition during the Halloween season, Hershey approached APC to determine a solution to include glow-in-the-dark inks on their fun-size candy packaging. At its initial launch in 2017, this new ink formulation delivered mixed results. In 2018, APC was tasked with improving the luminescence of this product and produced a film that offered a more vibrant glow effect, which in turn increased customer engagement, with a measurable sales increase to show it.



FLEXIBLE PACKAGING INNOVATION SHOWCASE

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Hostess Bakery Petites

Manufacturer: Plastic Packaging Technologies, LLC, www.plaspac.com

End-User/Customer: Hostess

Plant: Kansas City, KS

Designer/Design Firm: Information not available

Key Suppliers: Information not available

Description: Having planned their first true product launch in decades, Hostess decided to steer away from the traditional carton style packaging they typically used in the past. Hostess came to PPT with the hopes of coming up with a new and innovative packaging solution that would help position this new product as a market leader in the “premium” snack market. PPT was able to develop a high-barrier stand-up, reclosable pouch that provided intense graphics and consumer convenience.

It Works Global C-CollagenWorks Tropical Crush Gusset Pouches

Manufacturer: CL&D Graphics, Inc., www.cldgraphics.com

End-User/Customer: Health and Nutrition Consumers — It Works Global

Plant: West Caldwell, NJ

Designer/Design Firm: It Works Global

Key Suppliers: Film Suppliers: Base Film — Terphane, 48ga PT; Laminate — Charter NEX, 3MIL White LLDPE; Printing Press Supplier: The 50ga PVDC-PET film was printed on CL&D’s 10 station in line PCMC flexo press utilizing solvent-base ink by Sun Chemical;

Adhesive Supplier: Sun Chemical

Description: It Works Global C-CollagenWorks Tropical Crush Gusset Pouches are an excellent example of how converting to flexible packaging creates exceptional brand management. The new, improved packaging creates a simple, yet eye-catching, gusset pouch with pearlescent ink to emphasize their unique brand. The pouch replaces corrugated containers and holds 15 drink sticks.



Kasezubereitung Fur Fondue with PRO-POUCH Touch

Manufacturer: ProAmpac, www.proampac.com

End-User/Customer: Kampf

Plant: Kirchberg, Bern, Switzerland

Designer/Design Firm: ProAmpac, Kampf

Key Suppliers: Printing, laminating, pouch making: ProAmpac, Ampac Flexibles AG

Description: Kasezubereitung Fur Fondue is a stand-up pouch for fondue. The pouch stands out on the shelf by providing a differentiated look with PRO-POUCH Touch coating graphics. The Touch coating captures consumer attention through sensory appeal, building brand equity and engaging the consumer to create an emotional and physical connection. The pouch offers a tear notch for an easy-open feature and easy access to the product. The pouch contains white PE on the inside providing excellent opacity.

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Keefe Kitchens Peanut Butter Pouch

Manufacturer: Printpack, www.printpack.com

End-User/Customer: Keefe Group

Plant: Villa Rica, GA

Designer/Design Firm: Information not available

Key Suppliers: Information not available

Description: This pouch is manufactured for the Canadian penal system and was designed to be used without utensils for safety reasons. It eliminates the need for knives and rigid containers of peanut butter (which could potentially be made into sharp objects). Instead, peanut butter is squeezed through the 18mm spout onto the bread, then pressed with the top of the loaf to evenly distribute the product.

Korean Style Grilled Beef Patty Reclosable Stand-Up Pouch

Manufacturer: Emerald Packaging, Inc., www.empack.com

End-User/Customer: FDMR, INC.

Plant: Union City, CA

Designer/Design Firm: Information not available

Key Suppliers: FlexFilms, 48ga PET; Commex Corp, 3mil Co-Ex PE-White; Windmoeller & Hoelscher Inc., 10C 60" Miraflex; CAI Ink Co., Solvent-based inks; Trisoft Graphics, Kodak NX Plates, 175 line screen; Totani Inc., FD60; Presto Corp., Flange zipper

Description: Suji Korean Cuisine offers several formats of retail foods to their consumers in cardboard, rigid, and flexible packaging. The Korean Style Grilled Beef Patty Reclosable Pouch is the company's first multiple serve offering. It offers four patties that can be cooked individually with the remaining patties left in the stand-up pouch. The consumer closes the zipper and returns the unused patties to the freezer, which minimizes moisture build-up inside the package, thereby extending shelf-life. A stand-up pouch gives Suji much more space on the package for graphics which allows them to create a product that more effectively markets their product by increasing shelf appeal.



Leafgro® 100% Organic Soil Conditioner

Manufacturer: ProAmpac, www.proampac.com

End-User/Customer: Maryland Environmental Service

Plant: Rocky Mount, VA

Designer/Design Firm: Creative Solutions in collaboration with Maryland Environmental Service

Key Supplier: Sugarcane-based resin supplied by Braskem America, Inc.

Description: Leafgro®, a superior quality compost, uses a large format flexible bag made from a bioplastic resin, Braskem's I'm green™ polyethylene (PE).

FLEXIBLE PACKAGING INNOVATION SHOWCASE

*The Innovation Showcase highlights the 2019 competition entries.
For more information about these packages, visit www.flexpack.org.*



Load & Fold™ Shopping Bag

Manufacturer: Novolex, www.novolex.com

End-User/Customer: Amazon

Plant: Rio Bravo, Tamaulipas, Mexico

Designer/Design Firm: Novolex Corporate Market Development Team

Key Suppliers: None, this product was developed independently by Novolex using a proprietary blend of raw materials available in the marketplace.

Description: The Load & Fold™ Shopping Bag features a patent pending, innovative design to allow for easy loading and a fold over closure to secure items inside. The bag is available in various sizes and substrates, including wet-strength properties to protect against the elements. The Load & Fold™ Shopping Bag is perfect for a variety of uses, including home delivery, gift bag, gift registry, and much more! The bag has single and double fold over options; a wide opening for easy loading; a flat bottom that keeps items secure and allows the bag to stand on its own; has a tamper evident option using a branded label or other adhesive; and has sturdy paper twist handles for ease in carrying.

Load & Seal™ Tamper Evident Delivery Bag

Manufacturer: Novolex, www.novolex.com

End-User/Customer: Panda Express

Plant: Hartsville, SC

Designer/Design Firm: Novolex Corporate Market Development Team

Key Suppliers: None, this product was developed independently by Novolex using a proprietary blend of raw materials available in the marketplace.

Description: The Load & Seal™ Tamper Evident Delivery Bag, designed for home delivery of hot food and fresh grocery items, discourages pilferage and contamination of the product being delivered. The bag features a closure and custom-designed perforation line system, which will not separate when the bag is carried, but will open easily for the customer upon delivery. Vent holes allow steam to escape, preventing deterioration of the food and the primary food packaging items inside the bag.



Love Beets Peel and Reseal Lidding

Manufacturer: Printpack, www.printpack.com

End-User/Customer: Love Beets

Plant: Grand Prairie, TX

Designer/Design Firm: Information not available

Key Supplier: MacFarlane Labels

Description: Love Beets received complaints from their consumers that the lidding on their beets was hard to open and they had to use a knife to open the package. Printpack offered their Reseal-it® solution that uses a resealable barrier label integrated into the lidding so consumers can easily open and reclose the package. The resealable label includes tamper evident features, prevents leaks, and extends shelf life.

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Matrix Total Results Hair Care Holiday Kits

Manufacturer: ProAmpac, www.proampac.com

End-User/Customer: Matrix LLC

Plant: Terrebonne, QC, Canada

Designer/Design Firm: Kerry Higgins, AVP, Creative Director for Matrix

Key Suppliers: Information not available

Description: Matrix Total Results Limited Edition Holiday Collection Hair Care uses a flexible reclosable pouch, providing product protection, enhanced functionality, and unique graphics. ProAmpac employed special printing processes to ensure graphics were elegant and exciting, eliminating the need for additional holiday wrapping and motivating consumers to reuse the pouch. ProAmpac used a special zipper closure that allows for greater opening force from the product inside but is easy to open for consumers.

Meet Dermalogica Pouch

Manufacturer: Label Technology Inc., www.labeltech.com

End-User/Customer: Dermalogica

Plant: Merced, CA

Designer/Design Firm: Information not available

Key Suppliers: Futamura NatureFlex Compostable Films;

Tipa Compostable Films; INX; BASF

Description: The Meet Dermalogica Pouch is made from certified compostable films and adhesives. Both Label Technology and Dermalogica share a common goal of respecting and preserving our planet for future generations. The ability to truly see this package's full lifecycle within a consumer's lifecycle sets this pouch apart from its competitors. It also offers the consumer a more personal "buy in" feature than just the typical "feel good" recycle bin.



Nona Lim Chicken Pho Noodle Bowl

Manufacturer: Emerald Packaging, Inc., www.empack.com

End-User/Customer: Nona Lim

Plant: Union City, CA

Designer/Design Firm: Information not available

Key Suppliers: Flex Films, 48 ga PET; Commex, 2mil PE sealant; Nordmeccanica, Super Simplex SL laminator; HB Fuller, Adhesives and Solventless adhesives

Description: Nona Lim's objective was to create a single serve, multi-compartment solution to house dry noodles, as well as broth, in a ready-to-eat hybrid package. It is a noodle bowl coupling a compostable rigid container with a flexible lid film to package both the noodles and broth which can be mixed together and heated. The product can be eaten directly out of the packaging, and the packaging functions to display, transport, and protect the final product. The bowl housing the flexible lid stock is double stacked inside the compostable bowl, thus reducing the product's carbon footprint by being able to ship more packages per box, which decreases the use of diesel per package to ship.

FLEXIBLE PACKAGING INNOVATION SHOWCASE

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Pepperidge Farm Single Serve Packaging

Manufacturer: Printpack, www.printpack.com

End-User/Customer: Pepperidge Farm/Division of Campbell Snack/Campbell Soup Company

Plant: Villa Rica, GA

Designer/Design Firm: Ralph Ruta and Audrey Smith, Pepperidge Farm Design

Key Suppliers: Information not available

Description: The Pepperidge Farm “Single Serve” packages are used in several multi and variety packs for retail and club store distribution. The small pouch size requires very small fonts, and the logo and product images are also sized down considerably to fit proportionally on the package. Extended gamut flexo printing meets the demands of logo and image clarity along with the consistency of color and shelf presence required by the brand.

Phal Yumm, 50 gm.

Manufacturer: Paharpur 3P, www.paharpur3p.com

End-User/Customer: Salutaris Food Technologies Private Limited

Plant: Ghaziabad, Uttar Pradesh, India

Designer/Design Firm: Paharpur 3P

Key Suppliers: Sakata Ink (India) Limited, Hindalco Industries Limited, Ester Industries Ltd., and Henkel Adhesives Technologies India

Description: This unique and attractive packaging creates a good first impression on the minds of consumers, making the packaging an important part of the packaged product. The matte and gloss appearance enhances the aesthetics, and ultimately brand value, with premium looks in this segment. The unique shape and appearance of the pouch facilitates quick attention at the shelf and ease of gripping. This stand-up pouch also helps in better utilization of space during transportation and in market shelf display.

This development replaces a HDPE bottle, and thus significantly reduces packaging cost and carbon footprint.



Pilferage-Resistant Bag

Manufacturer: Novolex, www.novolex.com

End-User/Customer: Multiple, including Publix

Plant: Chicago, IL

Designer/Design Firm: Novolex Corporate Market Development Team

Key Suppliers: None, this product was developed independently by Novolex using a proprietary blend of raw materials available in the marketplace.

Description: The pilferage-resistant bag features 75% product view through a clear windowed bag compared to the traditional 15–20% product view, and highlights the product inside. This bag can also keep bread fresher longer than a traditional paper bag, and allows for a printable area on the paper substrate unlike a fully poly lined bag. From a sustainability standpoint, the unit bag weight is approximately 50% less than a traditional windowed bread bag, allowing for reduced case weight, thus providing a freight advantage.

FLEXIBLE PACKAGING INNOVATION SHOWCASE

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Prabhuji Soan Papdi, 1 kg.

Manufacturer: Paharpur 3P, www.paharpur3p.com

End-User/Customer: Haldiram Bhujawala Limited

Plant: Ghaziabad, Uttar Pradesh, India

Designer/Design Firm: Paharpur 3P

Key Suppliers: Sakata Ink (India) Limited, Ester Industries Ltd., and Henkel Adhesives Technologies India

Description: Soan papdi is a popular Indian dessert which is a crisp, flaky, and melt-in-your-mouth confection. Soan papdi is generally packaged in a transparent plastic tray with a lid. The tray is then packaged in a carton, which protects the tray and gives an aesthetic look. The carton containing the tray is then placed into a PE carry bag for consumer convenience. This flexible laminate packaging development replaces both the carton package and PE carry bag, results in better utilization of shelf space, and significantly reduces packaging cost. The bottom curved 3-side seal shaped pouch with D-punch and zipper makes this pouch unique. The D-punch ensures easy handling and the pouch itself can be used as a carry bag. The product is highly moisture sensitive and becomes very sticky once the package is opened. A ziplock ensures freshness of the product even after repeated product dispensing.

Princeton Personalized Bags

Manufacturer: Printpack, www.printpack.com

End-User/Customer: Princeton University

Plant: Villa Rica, GA

Designer/Design Firm: Printpack Corporate Graphics

Key Supplier: The popcorn filling the packages was provided courtesy of Herr Foods, Inc. (Herr's)

Description: To celebrate the reunion of Princeton's Class of 1978, Printpack designed a special package. Each alumnus received a customized popcorn bag with the reunion schedule on the back and his or her name and their original yearbook photo on the front. The graphics were designed with a 'Top 40' music theme as a reference to the fact that it was the 40th class reunion. Printpack's digital printing capabilities made this project possible.



PuraFilm

Manufacturer: Liqui-Box Corporation, www.liquibox.com

End-User/Customer: CBC Peruana S.A.C.

Plant: Sacramento, CA

Designer/Design Firm: Liqui-Box Corporation

Key Suppliers: Charter NEX — Film; Liqui-Box Wythenshawe, UK — Dispensing Valve

Description: Liqui-Box incorporates the barrier properties of polyester with a novel, patent-pending film that greatly protects and enhances the taste profile for water. Packaging for water has proven to be a technical challenge. For long-term storage, water is sterilized with ozone. Ozone is a powerful oxidizer and can cause the film to oxidize and produce off-tastes. The patent-pending PuraFilm has novel ingredients that are not susceptible to oxidation and provides a flexible water package with a superior taste profile.

FLEXIBLE PACKAGING INNOVATION SHOWCASE

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SoChatti Chocolate Pouch

Manufacturer: Glenroy Inc., www.glenroy.com

End-User/Customer: Trade Secret Chocolates

Plant: Menomonee Falls, WI

Designer/Design Firm: Matt Rubin, Adam Ambrecht, Tony Parker, and Evan Arnold, Glenroy Inc. and Trade Secret Chocolates

Key Suppliers: Film supplier and pouch converter: Glenroy Inc.; Closure manufacturer: Aptar

Description: The SoChatti Chocolate Pouch is a unique shaped spouted pouch that preserves the unique flavors of cacao beans from various regions of the world and delivers handcrafted "chocolate on tap." The pouch incorporates a channel into the seal area which interlocks with the SoChatti Chocolate Dispenser. Chocolate makers can attest that chocolate is best consumed warm, which draws out the complex flavors and aromas characteristic of exotic cacao beans. With this unique product and package, SoChatti has reinvented and heightened the chocolate experience, bringing to consumers a privilege that was previously only available to chocolate makers.

Spangler Candy Monster Mashup Dum-Dums

Manufacturer: ProAmpac, www.proampac.com

End-User/Customer: Spangler Candy Company

Plant: Cheektowaga, NY

Designer/Design Firm: Rob Spengler, Spangler Candy Company

Key Suppliers: Film suppliers: Impex Films (OPP) and ProAmpac (PE sealant film); Adhesive: HB Fuller; Ink: INX International; Plates: ProAmpac; Pre-press Manufacturing equipment: PCMC Press, Nordmeccanica laminator, Titan slitter

Description: Spangler Candy is a national candy producer known primarily for the Dum-Dums brand. This design was produced as a seasonal product for the Halloween holiday. The art was designed to deliver "WOW" appeal on the shelf with bright colors and intricate design.



Stemilt Growers Topseal Cherry Tray

Manufacturer: Sonoco Flexible Packaging, www.sonoco.com

End-User/Customer: Stemilt Growers

Plant: Edinburg, IN

Designer/Design Firm: Stemilt Growers in-house design team

Key Suppliers: Sonoco Plastics — Custom thermoformed topseal tray; DuPont Teijin Films — Sealant Film Supplier

Description: Pioneering the first topseal package into the cherry category, Stemilt Growers is introducing an alternative to the traditional rigid clamshell for produce. The new package offers easy open/reclose flexible lidding that allows consumers to effortlessly access their fruit and reseal the tray for multiple uses. The rotogravure print achieves a more impactful billboard on the shelf, and the use of flexibles provides a reduction in plastic of over 30%.

FLEXIBLE PACKAGING INNOVATION SHOWCASE

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Synthetic Layout Paper

Manufacturer: Novolex, www.novolex.com

End-User/Customer: Packaging Progressions, Inc.

Plant: Dallas, TX

Designer/Design Firm: Novolex Corporate Market Development Team

Key Suppliers: None, this product was developed independently by Novolex using a proprietary blend of raw materials available in the marketplace.

Description: Novolex introduces a man-made paper utilizing natural calcium carbonate minerals blended with polyethylene to create a product that looks, feels, and tears like paper. The specific difference can be found in the superior barrier properties of the synthetic paper. It has excellent deep freeze protection, good food release, unyielding moisture and grease resistance, and outstanding hold-out in cold pasteurization processes as compared to conventional barrier papers.

Tamper-Proof Spout and Caps

Manufacturer: Paharpur 3P, www.paharpur3p.com

End-User/Customer: Paharpur 3P

Plant: Ghaziabad, Uttar Pradesh, India

Designer/Design Firm: Paharpur 3P

Key Supplier: Scholle IPN India Packaging Pvt. Ltd.

Description: Food safety is a major concern throughout the world. Hence, we invented tamper-proof spouts and caps, giving consumers assurance of the product's integrity. This invention has two different processes that are performed when the cap is unscrewed. It has a tamper-proof cap that is opened before the cap is removed from the package, and the second tamper proof indicator is when the cap is removed. The product is kept safe as long as the second tamper proof indicator is not separated from the neck of the package.



Tree Top Apple Sauce

Manufacturer: Sonoco Flexible Packaging, www.sonoco.com

End-User/Customer: Tree Top, Inc.

Plant: Franklin, OH

Designer/Design Firm: Design refined by McLean Design, Inc.

Key Suppliers: Injection Molded PE spout and cap supplied by Menshen, MesPack Form Fill Seal

Description: This transparent pouch represents the first of its kind in the apple sauce category. The single-serve, portable pouch not only lets consumers see the product inside, but it also provides appealing graphics and a spout cap closure that lets consumers squeeze out and consume the apple sauce directly from the pouch — without the need for a utensil. With Sonoco's ClearGuard® clear high-barrier flexible pouch, the package delivers both transparent presentation and superior moisture and oxygen protection.

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Ultra-Prime® Premium T-Shirt Bags

Manufacturer: Novolex, www.novolex.com

End-User/Customer: Zaxbys, Spartan-Nash, Joshen

Plant: Carrollton, TX

Designer/Design Firm: Novolex Corporate Market Development Team

Key Suppliers: None, this product was developed independently by Novolex using a proprietary blend of raw materials available in the marketplace.

Description: Ultra-Prime® Premium T-shirt Bags use only the finest materials and processes to deliver the toughness and graphics that upscale retailers expect. Ultra-Prime® bags are made from prime grade materials, optimized for strength, aesthetics, and performance. The film is formulated from a proprietary blend of HD/LDPE to provide increased opacity, superior toughness, higher gloss, and consistent one-at-a-time dispensing using the Novolex patented Quikmate EZ® Pressure-Bonded Self-Opening System.

Vimal Cardamom Pack — Fast, Easy, and Omni Directional Tear for Consumer Convenience

Manufacturer: Flex Films (USA) Inc., www.flexfilm.com

End-User/Customer: Vishnu Aroma Pouching Pvt Ltd.

Plant: Noida, Uttar Pradesh, India

Designer/Design Firm: Uflex Limited — Cylinders Business

Key Suppliers: Uflex is a fully integrated flexible packaging materials and solution company. Vimal Cardamom Pack is a fast, easy, and omni directional tear for consumer convenience and it has been indigenously manufactured by Uflex (end-to-end) in terms of all raw materials and processes, including the inks and adhesives that have been supplied by our Chemicals Business. The rotogravure cylinder for this job was manufactured at Uflex Cylinder Division.

Description: The Vimal Cardamom Pack pouch structure is engineered to overcome the mechanical aspects regarding tear initiation and control of tear across the pouch in any direction in a more economical option compared to current technology. It provides easy access to the product without using expensive laser scoring to assist with tear initiation or propagation. This innovation is ideal for end use markets including unit packs of powder products, liquids, or paste like products.



Wild Roots Coastal Berry Trail Mix, 26 oz.

Manufacturer: American Packaging Corporation, www.amppcorp.com

End-User/Customer: Continental Mills

Plant: Story City, IA

Designer/Design Firm: Information not available

Key Suppliers: Ink Supplier — INX; Premedia Vendor — Fineline Graphics

Description: Our client was challenged with creating greater shelf impact in a crowded club store shopping environment. APC presented options to enhance package presence using a variety of different matte varnish and lacquer treatments to gloss outer film structures. The final product produced the desired result of increased client engagement with the finished product.

FLEXIBLE PACKAGING INNOVATION SHOWCASE

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Yribarren Farms Almond Pouch with Hermetic Inno-Lok® Zipper, 2.5 lb.

Manufacturer: Emerald Packaging, Inc., www.empack.com

End-User/Customer: Yribarren Family Farms

Plant: Union City, CA

Designer/Design Firm: Tim Martin, Top Step Design

Key Suppliers: The PET layer was provided by Flex Films and the sealant by Charter Nex Films. CAI inks provided the inks. The job was printed on a 10 color Windmoeller & Hoelscher Miraflex printing press and the final product was made on a Totani pouch machine. The hermetic Inno-Lok® zipper is made by Zip-Pak.

Description: This pouch replaces a rigid bottle, and the company is in the process of replacing its entire rigid bottle product line with flexible pouches with a zipper for dynamic graphics and shelf appeal in the supermarket. This is a 48 gauge polyester outer web laminated to a 3 mil EVOH sealant web. It is printed 10 colors on a Windmoeller & Hoelscher Miraflex printing press. A hermetic Inno-Lok® Zipper from Zip-Pak is on the face of the package to allow customers easy access to the almonds once opened. They also have reduced their carbon footprint by being able to ship more packages per box, which decreases the use of diesel per package to ship.

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For a list of products and services offered by members, visit the FPA Flexible Packaging Buyers Guide, www.flexpack.org.

Admiral Packaging, Inc.
www.admiralpkg.com

Amtor Flexibles
www.amcor.com

American Packaging Corporation
www.ampkcorp.com

AMGRAPH Packaging, Inc.
www.amgraph.com

Ascend Performance Materials LLC
www.ascendmaterials.com

Atlapac Corporation
www.atlapac.com

AWT Labels & Packaging
www.awtlabelpack.com

Beacon Converters, Inc.
www.beaconconverters.com

Belmark inc
www.belmark.com

Bema Incorporated
www.bemaprint.com

Bemis Company, Inc.
www.bemis.com

Berry Global
www.berryglobal.com

Bryce Corporation
www.brycecorp.com

Catty Corporation
www.cattycorp.com

Celplast Metallized Products Limited
www.celplast.com

CL&D Graphics
www.cldgraphics.com

Constantia Flexibles LLC
www.cflex.com

C-P Flexible Packaging
www.cpflexpack.com

Emerald Packaging, Inc.
www.empack.com

ePac — Flexible Packaging
www.epacllc.com

FILMtech Inc.
www.filmtechinc.com

First Quality Print and Packaging
www.firstquality.com

Flex Films (USA) Inc.
www.flexfilm.com

Flexible Pack
www.flexiblepack.com

Future PolyTech, Inc.
www.futurepolytech.com

Genpak Flexible
www.genpak.com

Glenroy, Inc.
www.glenroy.com

Hart Flex Pack
www.hartind.com

HFM Packaging, Ltd.
www.hfmpackaging.com

Indevco Plastics
www.indevcoplastics.com

Inland
www.inlandpackaging.com

Kendall Packaging Corporation
www.kendallpkg.com

Label Technology Inc.
www.labeltech.com

Liqui-Box Corporation
www.liquibox.com

LPS Industries, LLC
www.lpsind.com

Markenburg International Foods Corporation
www.markenburg.com.ph

Max Katz Bag Company, Inc.
www.maxkatzbag.com

Mondi Jackson LLC
www.mondigroup.com

MORCHEM
www.morchem.com

Novolex
www.novolex.com

Oswal Extrusion Limited
www.champalalgroup.com

Outlook Group LLC
www.outlookgroup.com

PAC Worldwide Corporation
www.pac.com

Paharpur 3P
www.paharpur3p.com

PAXXUS, Inc.
www.paxxus.com

Películas Plásticas S.A. de C.V.
www.pepsa.us

Phenix
www.phenixlabel.com

Plastic Packaging Technologies, LLC
www.plaspack.com

Poly Print, Inc.
www.polyprint.com

Polymer Packaging Inc.
www.polymerpkg.com

PPC Flexible Packaging
www.ppcfex.com

Precision Color Graphics Ltd. & Specialty Packaging Technologies Inc., a wholly owned subsidiary
www.precisioncolor.com

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Prime Packaging, LLC
www.primepkg.com

Printpack
www.printpack.com

ProAmpac
www.proampac.com

Sealed Air Corporation
www.sealedair.com

Sealstrip Corporation
www.sealstrip.com

Sonoco Flexible Packaging
www.sonoco.com

Southern Graphic Systems LLC
www.sgsc.com

St. Johns Packaging Ltd.
www.sjpack.com

Suedpack Oak Creek Corporation
www.suedpack.com

SunFlex Packagers Inc.
www.sunflexpackagers.com

TC Transcontinental Packaging
www.tc.tc/packaging

Technipaq, Inc.
www.technipaq.com

Teinnovations LLC
www.sealfilm.com

Vonco Products, LLC
www.vonco.com

Zacros America, Inc.
www.zacrosamerica.com

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ACTEGA
www.altana.com

AdvanSix
www.advansix.com

Ampacet Corporation
www.ampacet.com

Ashland
www.ashland.com

B&B Packaging Technologies L.P.
www.bub-group.com

B&W MEGTEC
www.megtec.com

Bamberger Polymers, Inc.
www.bambergerpolymers.com

BioLogiQ, Inc.
www.BiologiQ.com

Bobst North America Inc.
www.bobst.com

Bostik, Inc.
www.bostik.com

Celanese Corporation
www.celanese.com

Charter NEX Films, Inc.
www.charternex.com

Chevron Phillips Chemical Company LP
www.cpchem.com

CleanPlanet Chemical, Inc.
www.cleanplanetchemical.com

Cloeren Incorporated
www.cloeren.com

Coim USA, Inc.
www.us.coimgroup.com

Comexi North America, Inc.
www.comexi.com

Cosmo Films Limited
www.cosmofilmsna.com

Davis-Standard, LLC
www.davis-standard.com

The Dow Chemical Company
www.dow.com

EFI
www.efi.com

Energy Sciences, Inc.
www.ebeam.com

ExxonMobil Chemical Company
www.exxonmobil.com

Flint Group
www.flintgrp.com

Formosa Plastics Corporation, U.S.A.
www.fpcusa.com

Fujifilm North America Corporation,
Graphic Systems Division
www.fujifilm.com

Graham Engineering Corporation
www.grahamengineering.com

H.B. Fuller
www.hbfuller.com

Harper Corporation of America
www.harperimage.com

Henkel Corporation
www.henkel.com

Hosokawa Alpine American
www.halpine.com

HP Inc.
www.hp.com

HQC Inc.
www.hqcinc.com

INX International Ink Co.
www.inxinternational.com

ISOFlex Packaging
www.isoflexpkg.com

Karlville Development, LLC
www.karlville.com

Kodak
www.kodak.com/go/flexo

Koenig & Bauer Flexotecnica
www.koenig-bauer.com

Kuraray
www.kuraray.com

Louisiana Plastic Industries
www.lpi.laplastic.com/

Lubrizol Advanced Materials
www.lubrizol.com

LyondellBasell
www.lyondellbasell.com

MacDermid Graphics Solutions
www.macdermid.com

Mamata Enterprises, Inc.
www.mamatausa.com

Mark Andy, Inc.
www.markandy.com

Memjet
www.memjet.com

Mica Corporation
www.mica-corp.com

Michelman
www.michelman.com

Mid South Extrusion
www.msefilms.com

Mitsubishi Polyester Film, Inc.
www.m-pefilm.com

MJW International
www.mjwintl.com

NDC Technologies
www.ndc.com

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Nordmeccanica, NA
www.nordmeccanica.com

Nordson Corporation — PPS
www.nordsonpolymerprocessing.com

NOVA Chemicals, Inc.
www.novachem.com

Paper Converting Machine Company
(PCMC)
www.pcmc.com

Plastic Suppliers, Inc.
www.plasticsuppliers.com

Poly Expert Inc.
www.polyexpert.com

Polyplex USA, LLC
www.polyplex.com

Preco, Inc.
www.precoinc.com

Presto Products Company Fresh-Lock®
Zipper Unit
www.fresh-lock.com

Reifenhauser Inc.
www.reifenhauserinc.com

RKW North America, Inc.
www.rkw-group.com

RR Donnelley
www.rrd.com

SABIC
www.sabic.com

Sasol North America
www.sasolnorthamerica.com

Ship & Shore Environmental, Inc.
www.shipandshore.com

Siegwerk USA Co.
www.siegwerk.com

Sun Chemical Corporation
www.sunchemical.com

Sung An Machinery Company, Ltd.
(SAM)
www.sungan.net

Syncro USA
www.syncrousa.net

Terphane LLC
www.terphane.com

Toppan USA, Inc.
www.toppan-usa.com

Toyo Ink America, LLC
www.toyoink.com

Transcendia
www.transcendia.com

Transplace
www.transplace.com

UBE America Inc.
www.ube.com

UTECO North America, Inc.
www.uteco.com

Watson Standard
www.watsonstandard.com

Westlake Chemical Corporation
www.westlake.com

Wikoff Color Corporation
www.wikoff.com

Windmoeller & Hoelscher Corporation
www.whcorp.com

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