



Global Market Opportunities for Pouch Packaging

The Inevitable Shift toward Innovative Flexible Packaging

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LLICDIFLEX TECHNOLOGIES, INC.



Flexible Packaging Solutions



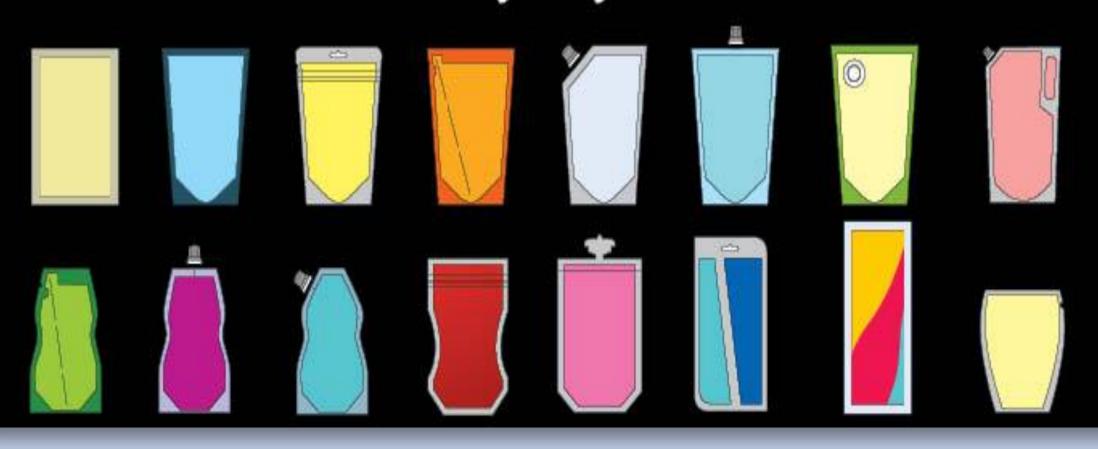
Flexible Packaging Machinery Solutions

780 Apex Road, Sarasota, FL 34240 • 941.923.1181 • www.StandUpPouch.com

The Authority in Standup Pouch Packaging & Machinery



A Multitude of Pouch Packaging Possibilities



A Multitude of Bag Packaging Possibilities

Rigid Packaging (Glass / Plastic / Metal) is in Dieruption







Rigid Packaging Formats Made from Fossil Fuels

The Real Cost & Environmental Harm of Rigid Packaging: Logistics, Transportation, Energy Consumption, CO2



Approximately 2,000,000 Semi Trucks on the road

Average 3-6.5 MPG

Millions of Tons of CO2

Global Warming Nightmare or Nothing to see here?



often equals between 15-25 truckloads of empty rigid containers

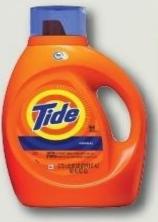
Why is a Packaging shift occurring globally?

- Growth of New Value Added Products, New Market Outlets, E-Commerce
- Packaging Change Disrupting Mature Product Categories.
- New Product ~ New Packaging | Existing Product ~ New Packaging
- Cost Reduction Initiatives highlighting the benefits of Flexible Packaging
- Environmental concerns driving Fossil Fuel reduction & Sustainability doals

Packaging is in Transition

































Spouts, Zippers, Specialty Closures & Fitments add Convenience, Functionality and Dispensability to the Flexible Packaging Movement

























Expanding Retail Market Outlets are driving Packaging Change and Creating





























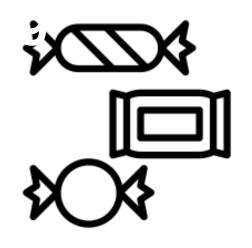






Multitude of Markets Embracing Pouch

















































Millennials, those ages 18 to 34, now constitute 25% of the U.S. population, or approximately 80 million people. "There are a lot of them," says Mark Alexander, president of Campbell's North America. "And they spend a lot of money."

The "Go Soups" are <u>premium-priced</u> at \$2.99 per <u>pouch</u> versus \$1.09 for a <u>can</u> of soup.

Campbells













Mature Product Categories & Brands being Re-Positioned toward Consumer Convenience

New Entrepreneurial Brands are Disrupting the market





































Never say Never to Cereal in a Standup Pouch!













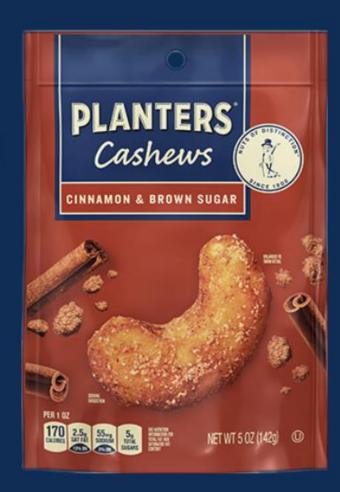






Snack Brands embrace the Standup Pouch!







Snack Brands embrace the Standup Pouch!





Pet Food & Treat market continues to



Innovative Pouch Formats continue to enter the marke



















Spouted Pouch Packaging has disrupted and re-invented the Baby Food market since first introduced in a Glass Jar by Gerber in 1926 and in 1931 by Beechnut.

The market has been estimated to have grown 22 percent from 2012 to a value of \$8 Billion due to the market shift toward the Standup Pouch.



















Squeezability | Spreadability | Dispensability





















P&G Package Partnering Strategy Initiative





INNOVATIVE POUCH introductions continue to Drive Category Disruption and Change





Circular Economy – Circular Marketing – Less Plastic – Less Waste







Personal Care and Household Products



Beauty & Personal Care Products

At L'Oréal Groupe, refill, resize and repeat are the 3 key pillars which make up the policy on reducing plastic.









Garden & Home Products



Evolving Trend . . . Liquid Concentrates PLASTIC Dispenser Spray Bottle – Reuse to Reduce



Evolving trend . . . Automotive Lubricates PLASTIC Bottle Replacement













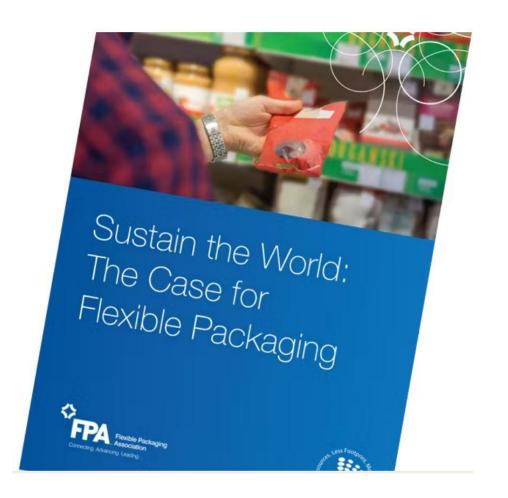






Contract Packaging Association

Connecting. Advancing. Leading.





What's Next for Flexible Pouch Packaging?

"More growth, more transition with no end in sight"

"The Flexible Packaging Industry will continue to Evolve, Develop, Educate and Voice the Benefits of Flexible Packaging"

"CPG's and the Consumer will continue to support Flexible Packaging as their most practical choice for the future".

Reduced costs – Re-Invention of Brands – Market Growth

Less Energy – Less Transportation – Less Waste

Less Energy – Less Transportation – Less Waste





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