

Stand-up Pouches 2015 to 2019

Section I:

Introduction

- A. Stand-up pouch
- B. Study organization
- C. Geographic regions
- D. Methodology and organization
- E. Conventions

Section II:

Executive Summary

- A. Market forces
 - 1. Innovation
 - 2. Economics
 - 3. Environmental impact
 - 4. Consumer trends
 - 5. Competition
 - 6. Infrastructure
- B. Market projection
 - 1. Volume segmented by application
 - 2. Global volume segmented by end-use category
 - 3. Global value segmented by end-use category
 - 4. Global volume by geographic region
 - 5. Global volume by reclosable zipper use
 - 6. Global volume by fitment use
- C. Summary

Section III:

Pouch Construction

- A. Stand-up pouch designs
 - 1. Doyen-style pouch
 - 2. BlenderPak pouch
 - 3. Grower's Cup pouch system
 - 4. Poucher pouch
 - 5. CornerZip pouch
 - 6. Double Doyen pouch
 - 7. Non-Doyen pouches with top and bottom gussets
 - 8. True flat-bottom pouches

- 9. SIP pouch
- 10. Pouch standing on fitment
- B. Partially stable bags and pouches
 - 1. Side-gusseted pouch
 - 2. Four-corner-seal pouch
 - 3. Cheer Pack pouch
 - 4. PrimaPak pouch
 - 5. Edge Stand pouch
 - 6. W-bottom or plow bottom pouch
- C. Standard pouches and bag designs (not stable)
 - 1. Three-side-seal pouch
 - 2. Four-side-seal pouch
 - 3. Center-seal pouch
 - 4. Pillow pouch
 - 5. End-seal bag
 - 6. Side-seal bag
 - 7. Center-seal bag
 - 8. Pillow bag
- D. Implications for stand-up pouches
- E. Competitive rigid packaging concepts
 - 1. Retort carton
 - 2. Paper-based cans
 - 3. Aluminum bottle
 - 4. TULC can and aTULC can
 - 5. Implications for stand-up pouches
- F. Spouts
 - 1. Base design
 - 2. Spout position
 - 3. Spout cost
 - 4. No spill spouts
 - 5. Tamper-evident spouts
 - 6. Flexible spouts
 - 7. Concepts to eliminate spout inserting
 - 8. Specialty
 - 9. One-piece spouts
 - 10. Capped spout
 - 11. Anti-choking closures
 - 12. Dispensing closures
 - 13. Spout summary
- G. Reclosable zippers
 - 1. Zipper styles
 - 2. Zipper application
 - 3. Zipper technology
 - 4. Zipper summary

- 5. Zipper alternatives
- H. Vents
 - 1. Vented pouches with rigid vents
 - 2. Vented pouches with flexible vents
- I. Shapes
- J. Unique and emerging technologies
 - 1. PresSURE-Lok metered dosage system
 - 2. Cartridge Pack system
 - 3. Pouches for carbonated products
 - 4. Smart Bottle pouch
 - 5. Chambered pouches
- K. Films and laminates
 - 1. Universal requirements
 - 2. Emerging structures
 - 3. Special techniques
 - 4. Pouch suppliers

Section IV:

Equipment Technology

- A. Fabricating pre-formed pouches
- B. Pre-formed pouch equipment
 - 1. Dedicated pouch machines
 - 2. Pouch machine suppliers
- C. Filling stand-up pouches
 - 1. Two-step process – filling pouches
 - 2. One-step process
 - 3. One-step process – vertical
- D. Filling technology developments
 - 1. Fill/seal
 - 2. Form/fill/seal equipment
 - 3. Hybrid machines
 - 4. Ultrasonic sealing equipment
 - 5. Rotary versus straight-line
 - 6. Dispensers
 - 7. Filler suppliers
 - 8. Inserting fitments
 - 9. Pouch handling
- E. Food processing techniques

Section V:

Economics and Environmental

- A. Case 1: Stand-up pouch cost (baby food)
 - 1. Assumptions
 - 2. Manufacturing cost results
- B. Case 2: Polymer tray cost (baby food)
 - 1. Assumptions
 - 2. Manufacturing cost results
- C. Case 3: Glass jar cost (baby food)
 - 1. Assumptions
 - 2. Manufacturing cost results
- D. Case 4: Comparison of Case 1, Case 2, and Case 3
 - 1. Variable material cost
 - 2. Variable labor cost
 - 3. Variable energy cost
 - 4. Shipping cost
 - 5. Fixed costs
 - 6. Total cost
- E. Case 5: Stand-up pouch LCA
 - 1. Energy consumption
 - 2. Greenhouse gas releases
 - 3. Water consumption
 - 4. End of life
- F. Case 6: Polymer Tray LCA
 - 1. Energy consumption
 - 2. Greenhouse gas releases
 - 3. Water consumption
 - 4. End of life
- G. Case 7: Glass Jar LCA (baby food)
 - 1. Energy consumption
 - 2. Greenhouse gas releases
 - 3. Water consumption
 - 4. End of life
- H. Case 8: Comparison of Case 5, Case 6, and Case 7
 - 1. Energy
 - 2. Greenhouse gas releases
 - 3. Water consumption
 - 4. End of life
- I. Case 9: Economic and Environmental Summary
 - 1. Results per unit
 - 2. Results per product volume

Section VI:

Market Analysis

- A. Drivers and trends
 - 1. Innovation
 - 2. Economics
 - 3. Environmental impact
 - 4. Consumer trends
 - 5. Competition
 - 6. Infrastructure
- B. Global volume by end-use category
- C. Value by end-use category
- D. Volume for solid food by end-use
 - 1. Applesauce
 - 2. Baby food
 - 3. Confectionery
 - 4. Dairy
 - 5. Dried food
 - 6. Dry mixes
 - 7. Frozen food
 - 8. Prepared drinks
 - 9. Retorted food
 - 10. Snacks
 - 11. Other
- E. Value for solid food by end-use
- F. Volume for liquid food by end-use
 - 1. Alcoholic drinks
 - 2. Aseptically packaged liquid food
 - 3. Fruit-flavored drinks
 - 4. Sports and energy drinks
 - 5. Other
- G. Value for liquid food by end-use
- H. Volume for pet food by end-use
 - 1. Dry pet food
 - 2. Moist pet food
 - 3. Pet treats
- I. Value for pet food by end-use
- J. Volume for non-food by end-use
 - 1. Agri-chem (agricultural chemicals)
 - 2. Detergents
 - 3. Health and beauty
 - 4. Motor lubricants
 - 5. Other

- K. Value for non-food by end-use
- L. Volume by geographic region
- M. Value by geographic region
- N. Volume in Asia by end-use
 - 1. Food
 - 2. Liquid food
 - 3. Pet food
 - 4. Non-food
- O. Volume in China by end-use
 - 1. Food
 - 2. Liquid food
 - 3. Pet food
 - 4. Non-food
- P. Volume in Europe by end-use
 - 1. Food
 - 2. Liquid food
 - 3. Pet food
 - 4. Non-food
- Q. Volume in Japan by end-use
 - 1. Food
 - 2. Liquid food
 - 3. Pet food
 - 4. Non-food
- R. Volume in North America by end-use
 - 1. Food
 - 2. Liquid food
 - 3. Pet food
 - 4. Non-food
- S. Volume in ROW by end-use
 - 1. Food
 - 2. Liquid food
 - 3. Pet food
 - 4. Non-food
- T. Volume for retorted stand-up pouches
- U. Volume by pouch design
- V. Volume for reclosable zippers by end-use
- W. Volume for fitments by end-use
- X. Volume by method of manufacture
- Y. Foodservice

Section VII:
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Section VIII:
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Section IX:
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