

# Overview

## Influence of Overcap Choice:

- **Overview of Valve & Can**
  - Styles and Retention Points
- **Different Overcap Types**
- **Package Planning**
- **Marketing Enhancements**

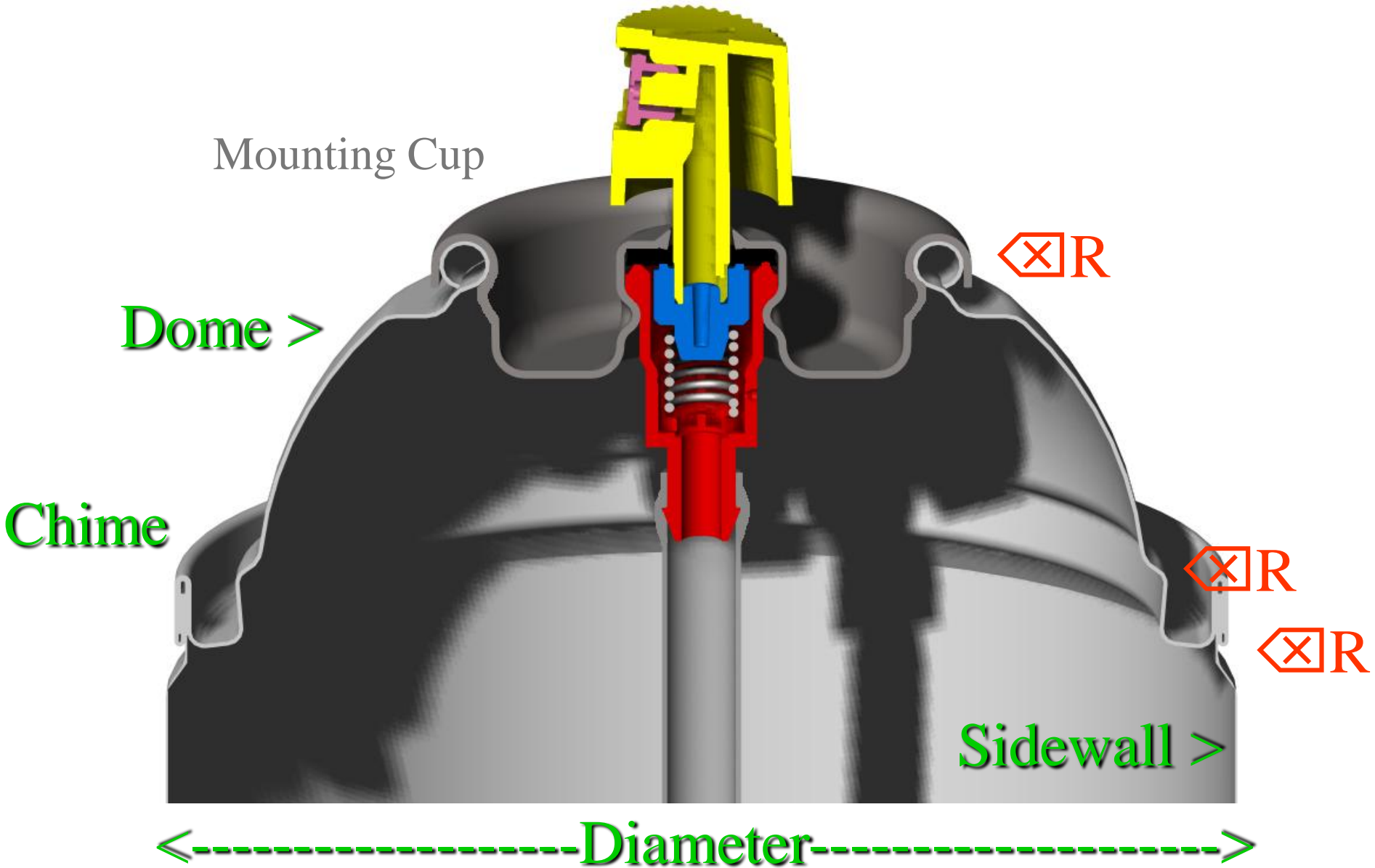
# What does an Overcap do?

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- ✓ **Valve and/or Actuator Protection**
- ✓ **Brand Identification**
- ✓ **Product Functionality**
- ✓ **Customer Convenience**

# VALVE / CAN

## Retention Points



# Different Can Styles

▶ Aerosol Necked-In



▶ Aerosol Straight-Sided



# What Influences Overcap Choice?

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- **Container**
  - Steel (Tinplate) Can
  - Aluminum Can
  - Plastic Bottle
- **Overcaps Intended Function**
- **Marketing/Distinctive Aesthetics**
- **Required Physical Properties**
- **Manufacturing Considerations**

# Container Influence

• Different Shapes (E-Can, Shaped Al & Fe Cans, DS)



# Straight Wall / 3 Piece Cans

Double Shell

Rim Snap

Stacker

Tamper & Child Resistant

Snap Lock



## Necked-In Cans

Necked-In Single Shell

Double Shell

Rim Snap / Brush

Spray Thru

Hooks

Tamper & Child Resistant

Stacker





# Aluminum Cans

Single Shell

Double Shell

Stacker

Snap Lock

Tamper & Child Resistant



# Non-Aerosol O/C Systems



- Plastic Bottle O/C Systems (Regulations, Marketers)

# Package Planning

## Container

Style -- Metal / Aluminum / Plastic

- 3 Pc. / 2 Pc. / NI / Gorged
- Necked-In Single Shell Caps -- N/2P/2Q
  - Send Sample Can for Fit
  - Suppliers Different Fits / Change
- Marketing “Look”

# Package Planning

## **Influence of Overcap Choice**

### Valve / Actuator

- Aluminum Cans -- Gasket Material
- Valve Material -- Steel or Aluminum
- Larger or Specialty Actuators
- Marketing “Look”
  - Tint / Clarified
  - Spray Thru

# Valve & Actuator Influence

- Variety: Spray Thru & Specialty Actuators (Niche Markets, Mousse, Gels, Brush)



# Package Planning Influence of Overcap Choice

## Regulations

- CR
- Tamper Evident



# Package Planning

## Influence of Overcap Choice

### Overcap

- Material: PP or PE
  - PP -- Stiffer/Top Load, Glossy, Clarity, Less Scuffing
    - Brittle, May Crack Under Cold or Impact
  - PE -- Softer & Semi-Glossy Finish
    - Good Impact, Flexible
- Marketing “Look” > Tint/Clarified/Spray Thru
- Manufacturing / Distribution
- Performance > Single or Double Shell
- Colors & Can Litho Design

# Marketing

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- **Common Decorating Options**
- **Product Enhancements**
- **Spray Systems**
- **Custom Overcaps**



*Silk Screen / Printing / Labeling / Hot  
Stamp / Shrink Sleeve / Metalizing / Colors /  
Painting*

# Decorating



# Marketing Common Decorating Options

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- Colors
- Tinting / Clarifying
- Printing (1 to 4 Colors)
- Silk Screening (1 to 2 Colors)
- Labeling (Top, Side, Oriented)
- Metalizing / Hot Stamping
- Painting

# Marketing Product Enhancements

- Matte / Textures
- POP (Proof-of-Purchase)
- Embossing
- Tinting/Clarifying



# Marketing -- Spray Systems

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- One Piece (No Button)
- Button or Spray System Pre-Installed
- Domes (Installs Over Button on Filling Line)
  - \* **Adds Convenience to Your Customer**
  - \* **Value Added for your Product**

# Spray Systems

## Production / Manufacturing Friendly

### ➤ Fast Line Speeds

- Secondary Operation -- Tipping or Orientation Required?
- Valve Fill Speeds? (system)
- 'Huffing' or Actuation During Capping?
- Capping Equipment: *Chuck?* In-line?
- Sorter Bowl: *Rotary?* Elevator?
- Test Product in Colors -- Shrink Variation

# Overcaps & Systems



# Overcaps & Systems

- Variety: Spray Thru & Specialty Actuators (Niche Markets, Mousse, Gels, Brush)



# Custom Overcaps

- Design Your Own Look
- Product Identity
- Product Performance

## Allow Time:

- Design Time
- Market Evaluation
- Execution / Molds
- Plant Integration





# Summary – Overcap Influences

- Container: AL/ FE/ Plastic / Shapes / Styles (NI/SW)
- Valve: Gasket / Mtrl / Actuator
- Regulations: CR, VOC, Political
- Overcap: F(x), Mtrl / Mfg / Mktg
- Marketing: Product Perception/Image
  - Decorating / Textures/ Graphic Embossing
  - Spray Systems: (Variety, Aluminum, Specialty)
  - Custom Caps
- Manufacturing: Review Systems to Support Cap System Choice

# Introduction to Overcaps



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