

# OPENING SYSTEMS



1 North 2<sup>nd</sup> Street Hartsville, SC 29550 sonoco.com/endsandclosures



Give your products a competitive edge with easy-open ends

Complete product development, testing and support

Resources

Four out of five consumers prefer the convenience of easy-open (EZO) ends.

Brands and products with EZO ends are more relevant to consumers because they deliver the convenience today's busy consumers demand.

- EZO ends are easier to open; no can opener is required
- Consumers view them as a value-added convenience and safer than traditional ends
- Consumers use brands with easy-open ends before those without, boosting usage and sales

Packaging and process engineers, metallurgists and chemists at our Packaging Development Center conduct cutting-edge research and product development, design and testing.

We conduct metal end characterizations, qualifications and development and perform shelf-life studies at our Hartsville, South Carolina, Retort Center of Excellence.

We consult with you on seaming equipment, help with installation and oversee trials to ensure proper seaming and the performance you and your customers demand.

With four U.S. plants, a global distribution network and state-of-the-art production lines that ensure consistency and trouble-free seaming and maximize throughput, we have the technology and capacity to supply you anywhere in the world.



3100 Ohio Street Henderson, KY 42420

1440 Ragan Street Memphis, Tennessee 38106 2755 Harbor Avenue Memphis, Tennessee 38113

833 South 60<sup>th</sup> Avenue Wausau, Wisconsin 54401



# MEMBRANE

- No sharp opening edges, no sharp metal panel after opening
- Easy one-piece opening; minimum opening force required
- Uses conventional double-seam technology
- Lithography and embossing available

#### **Ultraseal®**

For non-processed applications

Valve available in 401 and 603 for coffee applications with nitrogen flushing



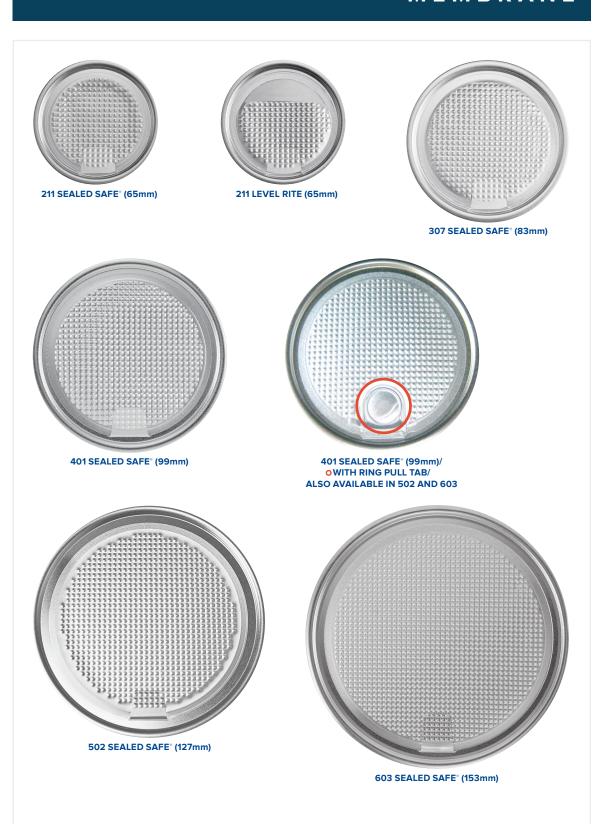


# MEMBRANE

#### Sealed Safe®

For non-processed applications

401, 502 and 603 also available with ring pull or glued tab





# ALUMINUM

- For non-processed applications
- For use with metal, composite or plastic containers
- Embossing available

# Full panel pull out

Cut-finger protection on certain diameters





211 SAFERIM® (65mm)







300 SAFETY SHIELD (73mm)



401 SAFERIM® (99mm)



502 SAFERIM® (127mm)

#### **Partial pour**

For automotive and oil products; aluminum ring pull with or without a spout delivers a cleaner, faster pour



211 NON-DETACHABLE (65mm)



401 NON-DETACHABLE (99mm)



# **CONSUMER PLATFORMS**



#### **Plastics**

Unique plastic packaging that provides protection and delivers shelf presence

- Blowmolding
- Thermoforming
- Injection Molding
- Extrusion Molding



# **Rigid Paper**

Round and shaped rigid paper packaging offers cost advantages, supports sustainability goals and adds shelf appeal and performance benefits



# **Flexibles**

Innovative easy-open, re-closeable bags and specialty pouches, as well as promotional ink technologies



# Display and Packaging

Customized merchandising displays and a broad range of services—from assembly to packaging—in state-ofthe-art service centers

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