A Fully Integrated Response to Your Global Packaging Needs
Innovators of the first mechanically inserted plug and flange assembly for drums, Rieke Packaging Systems is now the world leader in closures for industrial drums and open head containers.

From the fundamental VISEGRIP® plug and flange to the custom-designed LEVER-LOC™ ring, Rieke Packaging Systems drum closures allow for easy, efficient application and reliable sealing power.

CAUTION: Prior to specifying your Rieke Packaging Systems products, always determine if they are compatible with your materials and packaging environment. Factors such as temperature, pressure and chemical composition may impact your requirements. Failure to follow these instructions can create a hazardous condition.
The VISEGRIP® Plug, Flange and Cap Seal Closure System

Fundamental to the Rieke/TOV drum closure line is the design of the VISEGRIP—the strongest, most dependable closure to seal a drum.

The flange has a series of serrations that lock into the drum material upon insertion.

When the plug is torqued into the flange, it seals at the most critical point—the flat surface of the drum head—in effect tightening the plug and gasket in a vise-like grip.

A cap seal can then be added for additional protection against tampering and leakage.
Steel Plugs

Made from premium deep-drawing quality steel, VISEGRIP and TITEGRIP plugs are noted for perfect balance, uniform dimensions and a high-quality finish.

VISEGRIP® Plugs
■ Rounded bottoms make thread engagement easier.
■ Hexagonal shoulder makes them easy to open without wrenches.
■ Wide shoulders and concentric sealing beads lock gaskets securely in place.
■ Electro-zinc plated. Also available in unplated steel or lined with commercial coatings.

S-200
Size—3/4" (20mm)

S-250
Size—2" (50mm)

TITEGRIP™ Plugs
■ Threads are rolled instead of cut—creates a smoother thread connection and reduces the chance of contaminating drum contents with metal burrs or shavings.
■ Electro-zinc plated. Also available in unplated steel or lined with commercial coatings.
■ Utilizes standard insertion tools, wrenches and seals.

T-200
Size—3/4" (20mm)

T-250
Size—2" (50mm)
**Specialty Steel Plugs**

Rieke Packaging Systems offers an assortment of specialty steel plugs for unique drum applications. Just like the standard VISEGRIP variety, each of these plugs is made from premium deep-drawing quality steel and serves as an extremely tight closure. They’re typically electro-zinc plated, but they’re also available in unplated steel or lined with commercial coatings.

**S-210**
Size—1-1/2" (38mm)
Distinctive for its flathead surface; no crossbar or dome feature.

**S-210-3**
Size—1-1/2" (38mm)
Agitator plug with hexagonal perimeter—When sealed, the dome secures the drum’s agitator rod.

**S-210-4**
Size—1-1/2" (38mm)
Agitator plug with rounded perimeter—In addition to a dome that secures a drum’s agitator rod, it features external ears for ease in open/close operations.

**S-220**
Size—2" (50mm)
Plug for tote tanks—Features a flathead surface; no crossbar.

**S-220-C**
Size—2" (50mm)
Combination plug—Within its 2" frame is a 3/4" center opening.

**S-250-TFC**
Size—2" (50mm)
Incorporates a threaded faucet carrier feature that accepts a RIEKE 3/4" FLO-RITE faucet (see Rieke/Englass catalog).

**Agitator Bracket Assembly**

Rieke Packaging Systems offers this unique bracket assembly to simplify the permanent installation of an agitator in a drum. With this unit in place, high speed drum manufacturing processes do not have to slow down for welding operations.

The assembly is a fixed part of a 1-1/2" (38mm) VISEGRIP flange, making it an inseparable part of the drum head upon insertion.

**D-200 Agitator Bracket Assembly**
Supplied plated unless otherwise specified.
Synthetic Plugs

PPN Fusible Closures

The unique design of Rieke Packaging Systems’ PPN series makes it the ideal closure for drums containing combustible materials. Its reinforced nylon material provides a reliable seal, but when exposed to extreme heat, melts away in the center of the closure to allow volatile gases to vent, thus reducing the risk of explosion.

*VISEGRIP Series:*
- Meets UN Packing Group I, II, and III performance requirements with elastomeric gaskets.
- Meets UN Packing Group II and III performance requirements with poly-irradiated gaskets.
- Features a nylon material compliant with FDA requirements.
- Is Factory Mutual approved to meet protection guidelines in NFPA 30, chapter 4, sections 4-8.

*TITEGRIP Series:*
- Meets UN Packing Group I, II, and III performance requirements with poly-irradiated and elastomeric gaskets.
- Features a nylon material compliant with FDA requirements.
- Is Factory Mutual approved to meet protection guidelines in NFPA 30, chapter 4, sections 4-8.

**DANGER:**
The end user is strongly advised to store drums in an upright position at all times. The end user is warned to keep a safe distance from a drum that is in a fire or subject to very high heat.

**Note:** All models incorporate a chemically resistant polypropylene and/or polyethylene material unless otherwise indicated.
POLY-VISEGRIP® Plugs

The POLY-VISEGRIP trio of closures is specially designed for use in lined containers. With a high degree of chemical resistance and a capacity to withstand extremely cold temperatures, these plugs perform under a wide array of storage and transport conditions.

**POLY-VISEGRIP closures:**
- Require no gasket.
- Fit NPS threads.
- Can be cap sealed with a plastic SAFESEAL® or metal VISEGRIP cap seal (page 14) using standard crimping equipment.
- Meet FDA and UN Packaging Standards.
- Are available in High-Impact Polypropylene, or High-Density Polyethylene (HDPE) with a UV inhibitor.

**PPA-11**
Size—3/4” (20mm)

**PPA-51**
Size—2” (50mm)

**PPA-53 Top View**
Combination 2” (50mm) plug with removable diaphragm and 3/4” (20mm) opening for FLO-RITE faucets. (See Rieke/Englass catalog.)

**PPA-53 Bottom View**

*Note: All models incorporate a chemically resistant polypropylene and/or polyethylene material unless otherwise indicated.*
POLYGRIP® Closures and Vents

Closures
Ideal for packaged products compatible with polyethylene, the secure POLYGRIP closure assembly features a unique tamper-evident design.

The flange features a molded, prescored diaphragm that forms a hermetic seal between the closure and the container. The diaphragm features a convenient pull ring for easy removal. Once the diaphragm is torn away, the plug can be replaced to reseal the container. Incorporated in the plug is a 3/4” (20mm) opening for a FLO-RITE faucet (see Rieke/Englass catalog).

Vents
Perfect for lined containers, POLYGRIP vents provide a unique dispensing and resealing feature when used in combination with the POLYGRIP closure.

Like their POLYGRIP counterparts, these vents are tamper-evident due to a molded, prescored diaphragm. Once the diaphragm is removed using the convenient pull ring, the venting capability allows for easy dispensing without surging.

PFA-61
■ 2” (50mm) flange and plug assembly for lined containers
■ Natural color

PFA-71
■ 2” (50mm) flange and crimping ring only for coated containers

Also available:
PFA-62
■ 2” (50mm) flange and plug assembly for unlined containers and containers with a bag liner or sealing disc
■ Gray color

PFA-72
■ 2” (50mm) flange and crimping ring only for unlined containers and containers with a bag liner or sealing disc

PFA-62-3
■ 2” (50mm) fusible closure for IBC and tote tanks (for other fusible closures, refer to page 7)

PV-20-52
■ For lined and unlined containers
■ Natural color
■ Attached cap for resealing
Flanges

**TITEGRIP Steel Flanges**

Like its counterpart, the TITEGRIP plug, these flanges feature threads that are rolled rather than cut. This facilitates a smoother thread connection and greatly reduces the chance of contaminating the drum contents with burrs or shavings.

**TITEGRIP flanges:**
- Standard electro-zinc plated. Also available in unplated steel, or lined with commercial coatings.
- Non-machined, cold-formed neck for improved strength.

Incorporated into the flange is a sealing compound not unlike that used by drum manufacturers. This compound broadens product compatibility and is conducive to drum reconditioning.

**Standard TITEGRIP flanges:**
- Are constructed of a heavy-gauge steel.
- Feature NPS pipe threading.
- Come electro-zinc plated, but are also available in unplated steel, or lined with commercial coatings.

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**VISEGRIP Steel Flanges**

The VISEGRIP steel flange features a unique design which permits it to become an inseparable part of the drum head. A key to the effectiveness of the VISEGRIP flange is a series of serrations that lock it into the drum metal when inserted.

Incorporated into the flange is a sealing compound not unlike that used by drum manufacturers. This compound broadens product compatibility and is conducive to drum reconditioning.

**Standard VISEGRIP flanges:**
- Are constructed of a heavy-gauge steel.
- Feature NPS pipe threading.
- Come electro-zinc plated, but are also available in unplated steel, or lined with commercial coatings.

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**GH4**
Size—3/4" (20mm)

**GH6**
Size—2" (50mm)

**R-4**
Size—3/4" (20mm)

**R-5**
Size—1-1/2" (38mm)

**R-6**
Size—2" (50mm)

*Has three holes for better drainability*
**VISEGRIP Nylon Flanges—**  
*Ideal for lined steel drums*

Molded of engineered nylon base plastic, these flanges combine with RIEKE nylon plugs to create a reliable seal completely safeguarded against corrosion. With a patented preload on the interior outer edge, they also protect customer product from potential lining fracture at the closure area.

Just like VISEGRIP steel flanges, these nylon models also lock into the surface of the drum with a series of serrations that practically fuse the flange and the drum together.

**PRN-4J**  
(used with PPN-61—see page 7)  
Size—3/4” (20mm)

**PRN-6J**  
(used with PPN-21—see page 7)  
Size—2” (50mm)

*Note: All models incorporate a chemically resistant polypropylene and/or polyethylene material unless otherwise indicated.*
**Gaskets**

Regardless of packaging conditions, Rieke Packaging Systems offers a gasket capable of forming the tight seal required at the most critical juncture of the closure.

**POLYSEAL® Gaskets**
This heavy-duty gasket is made of polyethylene for extreme durability.
- Will withstand a maximum oven temperature of 120°F (49°C)

**GK-73**
Size—2" (50mm)
Color—Natural

Also available:

**GK-43**
Size—2" (50mm)
Color—Black

Also available:

**GK-43W**
Size—2" (50mm)
Color—White

**VISECAR® Gaskets**
Compounded of VISECAR Buna synthetic rubber, these gaskets serve as the Rieke standard.
- Will withstand an oven temperature of 450°F (232°C) for up to 20 minutes

**GK-43**
Size—2" (50mm)
Color—Black

Also available:

**GK-41**
Size—3/4" (20mm)
Color—Black

**GK-41W**
Size—3/4" (20mm)
Color—White

**GK-42**
Size—1-1/2" (38mm)
Color—Black

**GK-43W**
Size—2" (50mm)
Color—White

**GK-71**
Size—3/4" (20mm)
Color—Natural

**GK-72**
Size—1-1/2" (38mm)
Color—Natural

- Irradiated heat resistant POLYSEAL gaskets—Will withstand an oven temperature of 350°F (176°C) for up to 15 minutes
EPDM Gaskets
These gaskets are specially designed with an ethylene propylene terpolymer material, making them compatible with a wide range of chemical products.
■ Will withstand an oven temperature of 450°F (232°C) for 20 minutes

GK-93
Size—2" (50mm)
Color—Black
Also available:
GK-91
Size—3/4" (20mm)
Color—Black

GK-91W
Size—3/4" (20mm)
Color—White

GK-92
Size—1-1/2" (38mm)
Color—Black

GK-92W
Size—1-1/2" (38mm)
Color—White

GK-93W
Size—2" (50mm)
Color—White

GK-97W—
for 2” PPA-57 NPS threaded plugs (page 17)
Size—2” (50mm)
Color—White

GK-96W—
for 2” PPA-57-B-5 buttress threaded plugs (page 16)
Size—2” (50mm)
Color—White

DAPON® Gaskets
DAPON is a uniquely formulated white synthetic rubber. It is highly compatible with many specialty chemical products and features a superior oil resistance.
■ Will withstand an oven temperature of 450°F (232°C) for 20 minutes

GK-83W
Size—2” (50mm)
Color—White
Also available:
GK-81W
Size—3/4” (20mm)
Color—White

GK-87W—
for 2” PPA-57 NPS threaded plugs (page 17)
Size—2” (50mm)
Color—White

GK-86W—
for 2” PPA-57-B-5 buttress threaded plugs (page 16)
Size—2” (50mm)
Color—White
Tamper-Evident Cap Seals

For added protection against tampering and leakage, Rieke Packaging Systems offers a choice of cap seals as a final drum closure component. All cap seal designs are FDA approved and suitable for virtually any packaged product.

**SAFESEAL Plastic Cap Seals**
- Feature a scored tin plate or aluminum breakaway seal around the rim
- Have a low density polyethylene cap
- Require only a standard VISEGRIP crimping tool to be applied
- Can pass 15 psi pressure

**PX-3 Plastic Cap Seal**
Size—2" (50mm)

Also available:
**PX-1 Plastic Cap Seal**
Size—3/4" (20mm)

**TITEGRIP Plastic Cap Seals**
- Feature a scored tin plate or aluminum breakaway seal around the rim
- Have a low density polyethylene cap
- Require only a standard TITEGRIP crimping tool to be applied
- Can act as a secondary seal

**PXT-3 Plastic Cap Seal**
Size—2" (50mm)

Also available:
**PXT-1 Plastic Cap Seal**
Size—3/4" (20mm)

**VISEGRIP Metal Cap Seals**
- Feature a scored breakaway seal in the surface of the cap
- Require only a standard VISEGRIP crimping tool to be applied
- Can pass 15 psi pressure

**X-3 Metal Cap Seal**
Size—2" (50mm)

Also available:
**X-1 Metal Cap Seal**
Size—3/4" (20mm)

**TITEGRIP Metal Cap Seals**
- Feature a scored breakaway seal in the surface of the cap
- Require only a standard TITEGRIP crimping tool to be applied
- Can act as a secondary seal

**XT-3 Metal Cap Seal**
Size—2" (50mm)

Also available:
**XT-1 Metal Cap Seal**
Size—3/4" (20mm)

**SAFESEAL Plastic Cap Seals**
- Feature a scored tin plate or aluminum breakaway seal around the rim
- Have a low density polyethylene cap
- Require only a standard VISEGRIP crimping tool to be applied
- Can pass 15 psi pressure

**PX-3 Plastic Cap Seal**
Size—2" (50mm)

Also available:
**PX-1 Plastic Cap Seal**
Size—3/4" (20mm)

**TITEGRIP Plastic Cap Seals**
- Feature a scored tin plate or aluminum breakaway seal around the rim
- Have a low density polyethylene cap
- Require only a standard TITEGRIP crimping tool to be applied
- Can act as a secondary seal

**PXT-3 Plastic Cap Seal**
Size—2" (50mm)

Also available:
**PXT-1 Plastic Cap Seal**
Size—3/4" (20mm)
Tamper-Evident Cap Seals

For added protection against tampering and leakage, Rieke Packaging Systems offers a choice of cap seals as a final drum closure component. All cap seal designs are FDA approved and suitable for virtually any packaged product.

All Plastic Cap Seals

- Feature a scored breakaway plastic seal ring made of high density polyethylene
- Can be applied without tools
- Are 100% recyclable

TITEGRIP All Plastic Cap Seals

- Feature a scored breakaway plastic seal ring made of high density polyethylene
- Can be applied without tools
- Are 100% recyclable

AP-3-5000 All Plastic Cap Seal
Size—2” (50mm)

Also available:
APT-1-5000 All Plastic Cap Seal
Size—3/4” (20mm)

TE56B4 Plastic Cap Seal
Size—56mm

Rieke Packaging Systems has the capabilities to imprint its cap seals with a graphic image. The flat surface is perfect for a trademark or logotype to help build brand identity. Or, it can serve to deliver an important “caution” or instructional message.
**Plugs**

Rieke Packaging Systems offers a comprehensive line of plastic plugs specifically designed for plastic containers. Maintaining the same functional characteristics of the original steel VISEGRIP plugs, these closures apply an equally reliable seal for a wide range of applications.

**POLY-TITEGRIP Plugs for Poly Drums**
- Constructed of either a high-density polyethylene (HDPE) with a UV inhibitor or a polypropylene copolymer.
- Meet FDA and UN Packaging Standards
- Can be cap sealed with the All Plastic TITEGRIP TE56B4 capseal (page 15)
- Standard European 56mm plug meets CEN requirements.
- Standard 6N lug configuration

**POLY-VISEGRIP Plugs for Poly Drums**
- Constructed of either a high-density polyethylene (HDPE) with a UV inhibitor or a polypropylene copolymer.
- Meet FDA and UN Packaging Standards
- Can be cap sealed with a plastic SAFESEAL or metal VISEGRIP cap seal (page 14) using standard crimping equipment.

**Buttress Thread Plugs Requiring a Gasket:**

**6N56B4**
Available with a 3/4" (20mm) threaded opening with a knockout diaphragm.
Satisfies 178.605 PKG group hydrostatic testing requirements.
Size—56mm (56x4 standard European size)
Color—White
Material—HDPE or polypropylene copolymer
Recommended Gasket—GK-956
National Pipe Thread (NPS) Plugs Requiring a Gasket:

To achieve accurate sealing at 20 ft.-lbs. torque, a Rieke 20/9 preset torque wrench (page 24) is recommended.

**PPA-56**
Incorporates a 3/4” (20mm) threaded opening with a faucet carrier.
Size—2” (50mm)
Color—Natural
Material—HDPE (engineered reinforced)
Recommended Gasket—GK-93 or GK-93W (page 13)

**PPA-57**
Incorporates “easy start” threads for quicker engagement.
Satisfies 178.605 PKG group hydrostatic testing requirements.
Promotes reconditioning and reuse of the container.
Size—2” (50mm)
Color—Natural
Material—HDPE (engineered reinforced) or copolymer
Recommended Gasket—GK-97W (page 13)

National Pipe Thread (NPS) Plugs—Gasket Recommended:

**PPA-11** (also page 8)
Can be used without a gasket.
Size—3/4” (20mm)
Color—Natural
Material—HDPE or copolymer
Recommended Gasket—GK-91 or GK-91W (page 13)

**PPA-10-2 Specialty Plug**
No gasket required.
Size—3/4” (20mm)
Color—Natural
Material—HDPE

*Also available (see page 8):*

**PPA-51**
Can be used without a gasket.
Size—2” (50mm)
Color—Natural
Material—HDPE
Recommended Gasket—GK-93 or GK-93W (page 13)

**PPA-53**
Same as PPA-51, but has a 3/4” (20mm) threaded opening with a faucet carrier.

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*Note: All models incorporate a chemically resistant polypropylene and/or polyethylene material unless otherwise indicated.*
TAMPER-LOC® Closure System

As a closure system, the TAMPER-LOC incorporates a plug and an external, sonic-welded tamper-evident ring with ratchets. Together, these components provide the most reliable protection for plastic drums without the need for a separate tamper-evident cap seal.

The external ring features a series of ratchets that correspond and lock up with another series of ratchets in the drum opening, effectively preventing plug backoff. When the drum is opened for the first time, using a standard bung wrench, the external ring is broken and removed from the plug.

Designed for ease of inspection of proper torque before shipment, as well as immediate evidence of any tampering before opening.

As an added feature, the ring can be colored and/or embossed with your company logotype.

Note:
- Proper torque is 25 ft.-lbs. To ensure accurate sealing, the W-126PT-04-25 preset torque wrench (page 24) is recommended.
- Optional PX-4 dust caps are recommended to protect drums from foreign matter prior to filling. Ask your Rieke Packaging Systems representative.
(Replaceable) Flanges

These flanges are specially designed for use with plastic, reusable drums. They are molded of high density polyethylene (HDPE) and reinforced with fiberglass and UV stabilizers, for exceptional durability.

Each of the three flanges:
- Can be removed and replaced when needed, extending the life and usability of the drum.
- Reduces ovalization on new and reconditioned drums.
- When used with a POLY-VISEGRIP plug (page 8), can be cap sealed for tamper-evident protection.

PDF-4
Size—3/4" (20mm)
Thread—NPS

PDF-6
Size—2" (50mm)
Thread—NPS

PDF-7
Size—2" (50mm)
Thread—Buttress

Gaskets

Same as those used with steel drums. Refer to pages 12-13.

Seals

Plastic drums use SAFESEAL plastic and VISEGRIP metal cap seals. Refer to page 14.

Note: All models incorporate a chemically resistant polypropylene and/or polyethylene material unless otherwise indicated.
Specialty Steel Electro-Zinc Plated

Rieke Packaging Systems offers several pressure-relief plugs forged out of heavy gauge steel for exceptional material strength.

**S-220-2 Pressure Relieving Plug**

While applying the distinctive sealing qualities of the fundamental VISEGRIP, Rieke’s S-220-2 also serves as the drum’s relief valve for packaged hazardous materials.

- Prevents buildup of internal pressures by venting volatile gases.
- Vents at internal pressures of 13 to 15 psi.
- Reseals at approximately 8 psi.
- Plugs with different venting pressures are available.

Note: To ensure proper operation, this plug must be chemically compatible with—and located above the liquid level of—the drum contents.

**S-200-1814 Reversible Steel Vent**

A reversible ball valve at the base of this closure allows for venting. It’s adaptable for both pressure and vacuum relief depending on packaging requirements.

**S-200-1814P Pressure Relief**

Size—3/4” (20mm)

**S-200-1814V Vacuum Relief**

Size—3/4” (20mm)

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**S-220-2 Top View**

**S-220-2 Bottom View**

Size—2” (50mm)
Micro-Porous Vents

Many of Rieke Packaging Systems’ plastic closures can be equipped with a Micro-Porous Gauze Vent that allows two-way venting for either pressure or vacuum relief.

When using these vents:
■ Be sure to allow for adequate head space (outage) in the container. Failure to do so can plug the vent or cause leakage.
■ The container should be transported and stored in an upright position.

A micro-porous vent can be incorporated into any of the following plugs (including that which is shown):
PPA-10-2
PPA-11
PPA-57
PPA-57-B-5

VISEGRIP Series
PPN 61 and PPN 21

TITEGRIP Series
PPN 71 and PPN 31

TITEGRIP PPN-32
Nylon closure (seen on the following page).

Note: Add the “TFE” suffix to the part number when specifying a micro-porous vent.

Note: All models incorporate a chemically resistant polypropylene and/or polyethylene material unless otherwise indicated.
Reversible Vents

Chemical manufacturers appreciate the design capabilities of Rieke Packaging Systems’ reversible vents. Formulated with two special synthetic materials (Buna and EPDM), these vents meet compatibility requirements while accommodating pressure and/or vacuum relief.

A reversible vent, pressure and/or vacuum, can be incorporated into any of the following plugs, unless otherwise specified (including those which are shown).

**PPA-53**
**PPA-57**

**VISEGRIP Series**
**PPN-61** and **PPN-21**

Reversible vents in VISEGRIP steel plugs:
- **S-200**
- **S-220**

Reversible vents in TITEGRIP nylon closures:
- **PPN-32**
  Size—3/4" (20mm)
  This nylon plug is specially designed to accommodate our PV-21 vent.

Note: Add the “PV-21P” (pressure) or “PV-21V” (vacuum) suffix to the part number when specifying a reversible vent.

*Available in vacuum only.
Manual Crimping Tools

Rieke Packaging Systems’ manual crimping tools are easy to use and versatile. They apply both plastic and metal cap seals in one easy motion, and—due to a built-in, automatic compensator—can be used with drum stock ranging from 24 to 16 gauge, regardless of thickness.

G-10
For use with 2” (50mm) VISEGRIP metal and SAFESEAL plastic cap seals.

G-30
For use with 3/4” (20mm) VISEGRIP metal and SAFESEAL plastic cap seals.

Note: The G-10 and G-30 can be used on pails using VISEGRIP drum closures.

PF-40
For use with POLYGRIP closures.

Note: The PF-40 can be used to attach the PFA-62-3 (page 9) to tote bins.

Power Crimping Tools

For high-speed operation, Rieke Packaging Systems’ power crimping tools perform quickly and efficiently.

Airmatic
This air-operated power tool can be suspended by counterbalance to accommodate closure insertion on moving filling lines.

IA-G-10
For use with 2” (50mm) cap seals.

IA-G-30
For use with 3/4” (20mm) cap seals.
Combination Wrenches for VISEGRIP plugs

Each of these wrenches features a combination head for use with two different sizes of closures. Sparkless types are available for use on drums containing combustible materials.

**W-167**
Socket type fits 3/4” (20mm) and 2” (50mm) steel plugs.

**W-168**
Prong and socket type fits 3/4” (20mm) and 2” (50mm) steel and plastic plugs.

*Also available:*
**W-164S**
1-1/2” and 3/4” socket type—sparkless

**W-167S**
2” and 3/4” socket type—sparkless

**W-169**
Universal drum opener

**W-168S**
2” and 3/4” prong and socket type—sparkless

**W-180S**
2”, 1-1/2” and 3/4” prong and socket type—sparkless

Combination Wrenches for TITEGRIP plugs

**W-268**
2” and 3/4” prong and socket type

*Also available:*
**W-268S**
2” and 3/4” prong and socket type—sparkless

Preset Torque Wrenches for VISEGRIP plugs

These wrenches are set to automatically apply proper torque to the appropriate closure, taking the guesswork out of tightening.

**W-168PT**
Prong and socket type fits 3/4” (20mm) and 2” (50mm) steel and plastic plugs. Color coded for the following ft./lbs. torque settings:
- 30/15—red (for use with VISECAR or DAPON gaskets)
- 40/20—blue (for use with POLYSEAL gaskets)
- 20/9—yellow (for use with POLY-VISEGRIP plugs)

*Also available:*
**W-126PT-04** for TAMPER-LOC closure system (page 18)
2” prong type with spinner
Setting—25 lbs.

**W-126PT**
2” prong type with spinner
Setting—20, 30 or 40 lbs.

**W-167PT**
2” and 3/4” combination socket type
Setting—30/15 or 40/20 lbs.

**W-168SPT**
Sparkless version of W-168PT

**W-167SPT**
Sparkless version of W-167PT
Preset Torque Wrenches for TITEGRIP plugs

**W-268PT TOV**
2” (50mm) and 3/4” (20mm) combination prong and socket type setting—20/9, 30/15 or 40/20 lbs.

*Also available:*
**W-268SPT TOV**
Sparkless version of W-268PT TOV

**Spinner Wrenches**
These tools are specifically designed to quickly tighten and remove VISEGRIP plugs.

**W-126**
For use with 2” plugs (prong type).

*Also available:*
**W-126S**—sparkless (2” prong type)

**W-127**
For use with 3/4” plugs.

Wrench Heads

**For Steel Plugs:**
**W-100**
2” (50mm) prong type with 3/4” (20mm) drive hole

**W-179-1**
“Snap-on” 2” (50mm) and 3/4” (20mm) combination with 1/2” (12.7mm) drive. Specially made of tool steel

*Also available:*
**W-99**
3/4” (20mm) socket type with 3/4” drive hole

**W-170S**
2” (50mm) and 3/4” (20mm) combination with 3/4” drive hole—sparkless

**For Plastic Plugs:**
**W-104**
3/4” (20mm) socket type

**W-100**
2” (50mm) socket type with 3/4” (20mm) drive hole
The LEVER-LOC Closure System

As steadfast as it is easy to use, LEVER-LOC is becoming the ring closure of choice for companies that package in open-head containers. Successful in the most trying hydrostatic and drop tests, LEVER-LOC consistently meets UN and DOT Packaging Standards for regulated materials.

When closed, the ring overlaps—eliminating gaps—to ensure its sealing power completely encircles the lid.

The unique lever design is as dependable as a bolt ring, and yet much easier to apply and remove over and over again.

For exceptional strength, each ring is the product of welded steel construction, and can be galvanized or coated with epoxy paint.

Custom sizing and profiling capabilities produce a LEVER-LOC ring that precisely fits any given container, from one gallon size up through IBC tanks.
LEVER-LOC Lever Models

The lever model you choose will depend on two primary application factors:

- **Packaged Contents**—Just as the contents will determine how robust the container needs to be, they will also determine the necessary gauge or performance strength of the lever. Regulated materials requiring a more reliable drum will likewise require a more reliable lever of a higher gauge and steel thickness.

- **Dimensions of Container**—Larger levers are designed for larger container diameters in order to apply the required pressure when closed. Other specifications, such as the radius and throw of the lever handle, vary with openings and lids to maintain the ease of applying and removing the ring.

The current selection of lever models is extensive and diverse due largely to the fact Rieke Packaging Systems will often alter the design of an existing model to serve a unique customer need.

Please review the following pages to find the base models appropriate for the size of your container. Then call us at 260-925-3700 to discuss other design features important for your application.
**Standard Lever Models for Drums**

Easy to use, yet virtually unbreakable in performance tests, each LEVER-LOC lever features:

- International design for a worldwide market
- All stamped steel construction—no wires
- Solid—not hollow—rivets
- A design intended for welding onto the ring
- A low profile that makes it easier to palletize and store drums close together

**T85 w/Safety Latch**
For 55-gallon (208 litre) plastic open head drums

**T85**
For 55-gallon (208 litre) plastic open head drums

**BRG**
For 55-gallon (208 litre) steel open head drums
Replaces a 12-gauge bolt ring
An integral swivel seal is available if needed

**T60**
For 30-gallon (113 litre) plastic open head drums

**T42**
For open head fiber drums (any size)
**Specialty Lever Models**

**For Containers With Undefined Open Heads**

*Locking Ring in Metal Strap*
Welded to a metal strap, this lever locks down containers with odd-shaped openings or collapsible material.

**Seals**

Every LEVER-LOC lever is designed with a slot that allows for the insertion of a tamper-evident seal tab.

**Plastic Seals**
- Offer a more economical but equally effective solution when compared to steel seals.
- Not reusable—plastic is broken when container is opened.

**Steel Seals**
- Made of a galvanized steel.
Profiles

Below are diagrams of some of the industry’s most common locking ring profiles for open head containers. If your container rim does not match one of these, Rieke Packaging Systems will custom fit a LEVER-LOC ring that does.
The Rieke/Englass Dispensing System

From fine mists, to creams and gels, to industrial chemicals, Rieke Packaging Systems offers a diverse line of easy-to-use pumps sprayers and faucets for a wide range of viscosities.

Ask your Rieke Packaging Systems representative for a catalog.

The Rieke/Stolz Pail Closure System

These secure closures are highly recognized for their convenient child-resistant, tamper-evident designs and exceptional pouring capabilities.

Ask your Rieke Packaging Systems representative for a catalog.

Call us at 260-925-3700 to talk about your unique packaging issue. With complete design and development capabilities, as well as service and application support, Rieke Packaging Systems will adapt an existing product or create a new one to satisfy your requirements.

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