Solutions for:
The Food & Beverage Industry

Let’s make industry work better
WE ARE NOT ONLY **PRODUCT SPECIALISTS**, BUT WE ALSO OFFER THE FOLLOWING **SERVICES** TO THE FOOD & BEVERAGE INDUSTRY:

- **Documented cost savings**
- **On-site troubleshooting and surveys**
- **Fabrication capabilities**
- **Inventory management programs**
- **Quality products from a variety of recognized suppliers**
- **Product & scheduled maintenance support with on-time delivery & 24/7 responsiveness**
- **Co-engineering & customized product solutions**

IN THE PAST THREE YEARS, WE’VE DOCUMENTED A SAVINGS TO OUR FOOD & BEVERAGE CUSTOMERS **$1.9 MILLION** DOLLARS THROUGH OUR SOLUTIONS.

**Why ERIKS**

**OUR SOLUTIONS ARE DESIGNED TO REDUCE OUR CUSTOMERS TOTAL COST OF OWNERSHIP AND INCREASE THEIR UPTIME**
Gasket & Sealing Products
- Tri-clamp sanitary gaskets
- PTFE/ePTFE flange gaskets
- Compressed non-asbestos gaskets
- Spiral wound metal gaskets
- Mechanical seals
- FDA approved and industrial grade rubber sheet gasketing
- PTFE braided packing
- Machined plastics
- Pump kits
- Standard, FDA and Class IV O-Rings
- Metal detectable and x-ray inspectable products

Gasket & Sealing Services
- Engineering
- Laser marking
- CAD capabilities
- Plant surveys
- Training
- Vendor managed inventory
- Flange kits
- Gasket installation and application programs

Conveyor Systems Products
- Lightweight belt
- Profile belts
  - sidewall/cleated belting
- Wire belting
- Plastic modular belt
- Chain belt
- Flat and round homogeneous belt
- Tabletop belts
- PVC/urethane belt
- All conveyor components
- Elevator/bucket belts

Conveyor Systems Services (cont.)
(Service crews across the U.S. and Canada)
- Conveyor system installation
- Fabrication capabilities
- Surveys
- Preventative maintenance programs
- On-site inspections
- Training programs

Industrial Hose Products
- Food transfer hose
- Food grade suction and discharge hose
- Food grade PVC suction hose
- General purpose hose
- Steam hose
- Full range of couplings

Industrial Hose Services
- Surveys
- Tagging
- Laser marking
- Testing
- Maintenance management services
- Hose assembly fabrication
- Hydrostatic testing for hose assemblies

Hydraulic Hose Products
- High pressure braided hose
- Pressure washer hose
- Double bend radius

Hydraulic Hose Services
- Kitting
- Hose crimper placement programs
- Recalibration
- Containment sleeves
- Quick disconnects
- Training
- Hose Surveys
Gasket & Sealing Solutions

TRI-CLAMP SANITARY GASKETS

Sanitary Gaskets are used widely in the Food, Dairy, Beverage, and all other sanitary process industries to seal clamp connections in sanitary pipelines.

PTFE/EPTFE FLANGE GASKETS

**Clipperlon 2100**
(conforms to FDA regulations)
Tan in color and is biaxial oriented PTFE sheet with a silica filler. This is a general purpose grade for sealing applications across the entire pH range.

**Clipperlon 2110**
(conforms to FDA regulations)
Blue in color and is biaxial oriented PTFE sheet with glass microspheres as a filler. This material is specifically designed for applications where low bolt loads are inherent, such as glass pipeline, ceramic, plastic coated flanges and apparatus, boilers, presses with uneven bolt force. Creating a tight seal already at a bolt force of 8-10N/mm² sealing a wide range of media. Clipperlon 2110 can be used as the most universal and safe pipe and equipment gasket in its range.

**Clipperlon 2120**
(conforms to FDA regulations)
Modified PTFE gasket material containing biaxial orientated chains to obtain a tight seal for demanding applications. Clipperlon 2120 is a very dense material with low compressibility, high recovery and low creep properties.

**Clipperlon 2130**
(conforms to FDA regulations)
Is a white homogeneous 100% expanded PTFE sheet, which uses product geometry rather than fillers or binders to address concerns associated with traditional PTFE material.

COMPRESSED NON-ASBESTOS GASKETS

**Compressed NBR/Carbon Fiber Sheet**
Style: 2078
Compressed NBR/Carbon Fiber Sheet Gaskets possess excellent creep resistance and are suitable for use with oils, fuels and refrigerants. They are a universal grade especially suitable for use under alkaline conditions, with good steam resistance and can also be used for general service gaskets on all machinery, process piping and equipment.

**Compressed NBR/Aramid/Inorganic Fiber Sheet**
Style: 978-C
Made of good quality material based on a blend of aramid and inorganic fibers bonded with high quality nitrile rubber. General purpose material suitable for use in a wide range of applications, including hot and cold water, steam, oils, fuels, gases and a wide range of general chemicals.
**Compressed NBR/Aramid Fiber Sheet**  
Style: NA-60  
NBR/Aramid fiber is compressed gasket sheet made with all the great features of premium gasket materials without the cost. Nothing is left out, only the best raw materials are used, without compromise. It exhibits a broad chemical resistance, excellent cutability and flexibility. NA-60 is recommended for general service gaskets on all machinery and process piping and equipment.

**SPIRAL WOUND METAL GASKETS**

**Spiral-wound Gaskets**  
Styles: SRI & SR  
Spiral-wound gaskets were developed specifically to handle higher temperatures and operating pressures. Used in the boiler/power areas of a food and beverage plant, these gaskets were engineered to be flexible and to recover when confronted with pressure, temperature fluctuations, bolt stress, relaxation and creep. These gaskets can be used with almost every known corrosive and toxic media. Spiral-wound gaskets with an inner ring prevent inward buckling of the winding from entering the process stream.

**OTHER SEALING, GASKET PLASTICS, ETC. PRODUCTS**

**Mechanical Seals**  
Used in pumps and mixers. Additionally, complete engineering, repair and re-manufacture of mechanical seals and components is available.

**Braided Packing**  
Available in FDA conforming materials (PTFE) and industrial grade materials for valves, pumps and equipment applications.

**Pump Kits**  
Available for sanitary and industrial applications based on industry requirements and customer requests.

**Rubber Sheet Gasketing**  
Available in both FDA approved and industrial grade materials for requirements in piping and equipment applications.

**Machined Plastics**  
Available based on industry requirements and customer specifications for valves, pumps, mixers and other equipment.

**STANDARD, FDA AND CLASS IV O-RINGS AND CUSTOM MOLDED PARTS FOR FOOD & BEVERAGE EQUIPMENT**

**Metal Detectable and X-Ray Inspectable Products**  
- Sanitary gaskets  
- O-rings  
- Sanitary screens  
- Sheet  
- Rod  
- Extrusions  
- Cam & groove gaskets & screens  
- Pump parts  
Products are available in Tuf-Steel®, Buna, Silicone, FKM Fluoroelastomer and EPDM.
Industrial Hose Solutions

We have a full line of industrial hose and couplings available. We have a range of hose products available and have the ability to fabricate these to NAHAD, RMA, UL and CGA standards. Product specifications are available upon request.

FOOD TRANSFER HOSE

NUTRALON

Meets 3A (18.0 Class III), USDA, FDA, BFR and EC 1935/2004
Reach compliant

Delivers the highest food safety standard, extremely flexible and ideal for tank truck or in-plant service.

PRODUCT SPECIFICATIONS
Application Food suction and discharge hose for transfer of milk products, animal fat, vegetable oil, fruit juices and other food products. For in-plant service and wash-down service. Braided construction has excellent flexibility. ADI (Animal Derived Ingredient) and phthalate free. Meets 3A (18.0 Class III), USDA, FDA, BFR and EC 1935/2004 standards.
Construction Tube Extruded, smooth white nitrile rubber. Non-contaminating formulation complies to the most stringent international food regulations. Excellent resistance to fatty foods like animal fats and vegetable oils. Does not propagate bacteria growth and has excellent resistance to the most common cleaning agents.
Cover Blue, non-marking nitrile blend rubber. Superior abrasion, weather and ozone resistance. Resistant to vegetable oils and animal fats.
Reinforcement Multiple high tensile textile braids
Temperature Range -22°F to 212°F (-30°C to 100°C) Open end steam cleaning up to 130°C/266°F (max 20 minutes)
Size Range 1/2", 3/4", 1"
Working Pressure 250 PSI (17 BAR)
Burst Pressure Minimum 4:1

EXTREMEFLEX™ BEVERAGE GRAY

Easy to handle and extremely flexible hose to transfer beverage in various applications

PRODUCT SPECIFICATIONS
Application For beer, wine, distillery and beverage (edible liquid) transfer processing facilities, ideal for applications requiring flexible and/or tight bend connections.
Construction Tube White Chlorobutyl (FDA/USDA compliant & conforms to a 3-A Sanitary Standard 18-03)
Cover Corrugated grey chemical (wrapped impression) Available with a Microban cover as well.
Reinforcement Spiral-plied fabrics with double galvanized helix wire
Temperature Range -30°F to 220°F (-34°C to 104°C)
Coupling Tri-Clamp or Sanitary ends are typically used with this hose
Size Range 1", 1 1/2", 2", 3"
Working Pressure 250 PSI (17 BAR)
Burst Pressure Minimum 4:1

Suitable for Cleaning in Place (CIP)

This is not a full representation of our product line. Any questions or if you don’t see what you need please contact your local Account Manager or your local service center.
PLICORD® EXTREMEFLEX™ BEVERAGE RED WITH EZ CLEAN COVER

Application
For beer, wine, distillery and beverage (edible liquid) transfer processing facilities, ideal for applications requiring flexible and/or tight bend connections.

Construction Tube
White Chlorobutyl (FDA/USDA compliant & conforms to a 3-A Sanitary Standard 18-03)

Cover
Corrugated grey chemical (wrapped impression). New corrugated red EZ Clean UHMWPE cover (semi-smooth finish) Available with a Microban cover as well

Reinforcement
Spiral-plied fabrics with double galvanized helix wire

Temperature Range
-30°F to 220°F (-34°C to 104°C)

Coupling
Tri-Clamp or Sanitary ends are typically used with this hose

Size Range
1”, 1 1/2”, 2”, 3”

Working Pressure
250 PSI (17 BAR)

Burst Pressure
Minimum 4:1

Suitable for Cleaning in Place (CIP)

PURPLE SNAKE®

Application
PURPLE SNAKE® is the ideal hose for breweries, winepresses, bottlers and many other installations in the brewing, beverage and spirits industry. Advantages include flexibility, pressure resistance, long service life, and resistance to conventional cleaning agents and disinfectants. Suitable for pure alcohol up to 98%.

Construction Tube
White, non-porous and high-performing special lining, absolutely neutral to taste and odor, FDA compliant and conforms to 3-A Sanitary Standard 18-03.

Cover
Red, fabric patterned special cover, resistant to ozone, weather, UV and abrasion

Reinforcement
Synthetic fibres

Temperature Range
-22°F up to +194°F (-30°C up to +90°C) (up to +212°F/+100°C max, 60 minutes)

Size Range
1/2”, 3/4”, 1”, 1 1/2”, 2”, 3”

Working Pressure
232 PSI (16 BAR)

Burst Pressure
3:1

Suitable for Cleaning in Place (CIP)

Easy to handle and extremely flexible hose to transfer beverage in various applications

Internationally the #1 hose for the brewing and beverage industry following German traditions; handles alcohol up to 98%
FOOD TRANSFER HOSE

**VINTNER™**

**Application**
Vintner™ is primarily for liquid transfer. Use it for handling in-plant and/or tank truck transfer of wine, beer, potable water and other non-oily, liquid foodstuffs. The monofilament helix is rust proof and is a crush-resistant alternative to traditional softwall or steel wire reinforced hoses.

**Construction Tube**
White chlorobutyl (FDA/USDA compliant and conforms to 3-A Sanitary Standard 18-03)

**Cover**
Gray EPDM synthetic rubber (wrapped)/purple branding tape. Available with a Microban cover as well.

**Reinforcement**
Spiral-plied synthetic fabric with a monofilament helix

**Temperature Range**
-30°F to 220°F (-34°C to 104°C)

**Coupling**
Sanitary ends or Camlock fittings are typically used with this hose

**Size Range**
1”, 1 ½”, 2”, 2 ½”, 3”

**Working Pressure**
250 PSI (17 BAR)

**Burst Pressure**
4:1

Suitable for Cleaning in Place (CIP)

**PRODUCT SPECIFICATIONS**

**Application**
Flexible suction and discharge hose for use in wineries, breweries and other food and beverage industries. Crush and kink resistant design.

**Construction Tube**
Smooth and seamless chlorobutyl (CIIR)

**Cover**
Grey, smooth EPDM rubber

**Reinforcement**
Multiple high tensile textile braids

**Temperature Range**
-40°F to +230°F (-40°C to 110°C)

**Size Range**
1” through 4”

**Working Pressure**
250 PSI (17 BAR)

**Burst Pressure**
Minimum 4:1

**PRODUCT SPECIFICATIONS**

**Application**
For food grade liquids such as ice transfer milk and dairy products, potable water, beer, wine, and juice. Can be used for heavy duty water suction. Phthalate free. Complies with applicable FDA(03) and 3-A(01) requirements. Hose approved by USDA(12) for use in meat and poultry plants.

**Construction Tube**
PVC tube with rigid PVC helix.

**Cover**
Smooth outer cover provides increased pressure rating and smooth surface for banding. Transparent Construction allows for visual confirmation of material flow.

**Temperature Range**
-4°F (-20°C) to 150°F (+65°C)

**Size Range**
3/4” through 8”

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MILK™ SERIES
Food Grade PVC Liquid Suction Hose

MILK-LT™ SERIES
Low Temperature Food Grade PVC Liquid Suction Hose

PRODUCT SPECIFICATIONS

Application
For food grade liquids such as milk and dairy products, potable water, beer, wine, juice, and ice transfer. Can be used for standard duty water suction. Precision controlled ID and OD dimensions which facilitates the insertion of sanitary fittings. Phthalate free. Complies with applicable FDA(03) and 3-A(01) requirements. Hose approved by USDA(12) for use in meat and poultry plants.

Construction Tube
PVC tube with rigid PVC helix. Hose remains flexible in severe sub-zero temperatures (MILK-LT only).

Cover
Smooth outer cover provides increased pressure rating and smooth surface for banding. Transparent Construction allows for visual confirmation of material flow.

Reinforcement
Multiple high tensile textile braids

Temperature Range
(MILK) -4ºF (-20ºC) to 150ºF (+65ºC)
(MILK-LT) -40ºF (-40ºC) to 150ºF (+65ºC)

Size Range
1 1/2”, 2”, 2 1/2”, 3”

WASHDOWN HOSE

BLUE FORTRESS 300 with Microban® Technology

PRODUCT SPECIFICATIONS

Application
A high-quality construction for hot water up to 200°F (93°C) cleanup service in food processing plants, dairies, packing houses, bottling plants, breweries, canneries and creameries. Its super abrasion and oil-resistant cover provides maximum protection against the adverse effects of oil and animal fats. The cover of our Blue Fortress® 300 hose incorporates Microban® antimicrobial built-in product protection. The white tube is comprised of FDA compliant materials.

Construction Tube
White FDA compliant nitrile synthetic rubber

Cover
Blue Carbryn™ synthetic rubber, RMA Class A (High Oil Resistance) with Microban® product protection Available with a Microban cover as well.

Reinforcement
Spiral synthetic yarn

Temperature Range
-20°F to 200°F (-29°C to 93°C)

Size Range
1/2” through 1”

Working Pressure
300 PSI (21 BAR)

Burst Pressure
4:1
Industrial Hose Solutions

WASHDOWN HOSE

BREWLINE with Microban® Technology

A quality discharge hose designed specifically for the highly demanding service of transferring nonoily liquid products in wineries and breweries.

Construction Tube: White chlorobutyl rubber (FDA/USDA compliant and conforms to 3-A Sanitary Standard 18-03)

Cover: Red EPDM (compound)® with a white spiral stripe (wrapped impression)

Reinforcement: Spiral-plied synthetic fabric, 4 plies to 1 1/2" I.D.; 6 plies over 1 1/2" I.D.

Temperature Range: -40 °F to 220 °F (-40 °C to 104 °C)

Size Range: 3/4" through 4"

Working Pressure: 250 PSI (17 BAR)

Burst Pressure: 4:1

Suitable for Cleaning in Place (CIP)

DINGA WATER SAVING GUN

The Dinga Water-Saving Gun is extremely robust and has a long service life due to its high-quality brass/stainless steel design. Additionally, it is protected against shock, heat and cold and has a rubber protection against any damage from caustic solutions and acids. The use of this gun helps to save considerable water and energy costs, which, along with its chemical-free cleaning capability, contributes to the protection of the environment. The flow can be adjusted from a fine spray to a concentrated jet. Thus, the gun is suitable for a careful and efficient cleaning of nearly any professional application.

Temperature Range: 122°F / 50°C maximum temperature rating

Couplings: Available for hose connections 1/2" (SAP 20853798), 3/4" (20853799) and 1" (SAP 20853800)

Working Pressure: Up to 363 PSI (25 BAR), with adjustable water spray, resistant to caustic solution and acids, flow rate of water 25 or 6.6 gallons/minute at 5 BAR / 72 PSI. Shock-, heat- and cold-proof.

PROTECTION RING

Rubber protection rings are ideal for food processing applications to lift fittings off of the floor protecting both the floor and the fitting from scratches caused by dropping the fitting. The ID of the protection ring is the same as the size of the OD or a bit smaller to fit tight to the hose in order to avoid sliding off.

Construction Tube: Natural rubber/SBR blend

Temperature Range: -4°F to 176°F (-20°C to 80°C)
**Belt Compounds**
- TPU (Thermoplastic Polyurethane)
- PVC
- Silicone
- Wire mesh/chain
- Plastic Modular
- PTFE
- Nitrile

**Belt Covers**
- Smooth
- Matte
- Roughtop
- Cleats
- Chevron
- Crescent Top
- Longitudinal Grooved
- Custom Profiles

**Conveyor System Components**
- Belt cleaners
- Conveyor covers
- Chute lining
- Drip pans
- Automated controls
- Rollers
- Powertuns
- Bucket belts

**Belt Carcasses**
- Monofilament
- Cotton/Polyester
- Polyester

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**Conveyor System Solutions**

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ERIKS (www.ERIKS.com) has been a leading international industrial service provider leader since 1940. ERIKS North America offers a wide range of innovative, high-quality mechanical engineering components and associated technical and logistics services from 140 locations across the United States, Canada and Mexico. We provide the highest quality product standards in the industry, along with the peace-of-mind knowing that our products and fabrication are consistent, location-to-location, across our extensive footprint. From agriculture to power generation and from oil and gas to petrochemicals, ERIKS North America provides a local presence and infinite possibilities, backed by ERIKS’ worldwide network of resources and know-how with over 300 locations in 20 countries. For more information, please visit www.eriksna.com.

Please Contact Your Local Service Center for More Information

www.eriksna.com