





Supply House to the Processing Industries Since 1964

Trusted supply house of sanitary processing equipment, parts and supplies for the dairy and food, brewery, beverage and pharmaceutical industries.

Harco Enterprises offers a diverse line of sanitary and hygienic processing equipment, parts and supplies including pumps, sanitary valves, separators, homogenizers, gaskets and fittings, sanitary hoses, and instrumentation as well as a variety of other products from world leading manufacturers such as Alfa Laval, Ampco, Tetra Pak, Burkert, Tri-Clover, Remco, Vikan, Carlisle, Haynes, Strahman, and more.

These products are distributed to dairy, food, beverage processing facilities as well as the pharmaceutical, brewing, and fisheries industries throughout North America.

Many of our products are customized in design due to strict sanitary and hygienic standards, and all are built to stand up to the demands of high production environments. Resourcefulness and quick delivery are important to you, and Harco always provides both.

Check out our large collection of equipment, parts and supplies, including our line of color-coded products available.

Visit our website today at www.harcosupply.com



Capabilities	47
CB+ Craft Brew Pump	10-11
Cellar Cart	12
Cleaning & Washdown	27
Colour Coded Brushes/Products	34
Filters & Strainers	30
Flow Meters	25
Gaskets & Fittings	26
Gauges & Thermometers	25
Plate Heat Exchangers	16
Powder & ingredient Systems	24
Pressure Gauges & Thermometers	26
Pumps	16-18
AC/AC+ Series Pumps	17
LC/LD/LF Series Pumps	18
SP Series Pumps	18
LKH Series/LKH Prime Pumps	16
Solid C Pumps	17
ROLEC DH	4-8
DH45	6
DH90	7
DH250	8
Sanitary Hoses	28
Sanitary Lubricants	31-33
SBI-ROO Cellar Cart	9
Tanks	29
Valves	19-23
Automation	22
Butterfly	19
Check Valves	19
Mixproof Valves	20
Sampling Valves	23
Single Seat Valves	20, 21
Tri-Clover 700 Series Valves	21
Vacuum Breakers/Relief Valves	23
Wine & Must Cart	13-14

ROLEC DH Induction System

The simplicity of the ROLEC DH means dry hopping just got safer and easier.

The **ROLEC DH units** utilize the Ampco SBI pump to safely induce dry hop pellets, fruit, spices coffee and more directly into the stream of beer while recirculating the fermenter.

The systems use carbon dioxide (CO₂) to purge oxygen from the hop chamber.

Pellets can be induced into fermenting, finished, or crashed beer. The chopper pump creates a differential pressure for induction from the vessel. The pellets and other media is chopped to maximize the surface area, flavor and aroma.

FEATURES:

- 3 Models DH45/DH90/DH250
- A glass-top manway on the DH90 and DH250 allows the user to ensure the pellets are moving
- Gauges and sight glasses aid the user in monitoring induction and pressures
- Everything needed for pellet induction is contained on the ROLEC DH
- All components are sanitary and CIP-able (no additional CIP pump is required)
- The fully portable DH can be used on many fermenters and fits well in cramped cellars
- Recirculation can be done as long as desired (Ampco recommends 3-4 fermenter turnovers)
- Improved aroma and flavor profile

For more information, contact us at 1-800-361-5361 or e-mail sales@harco.on.ca.



Model DH45
<5,000 bbls/yr



Model DH90
≈5,000 to 100,000 bbls/yr



Model DH250
100,000 bbls/yr

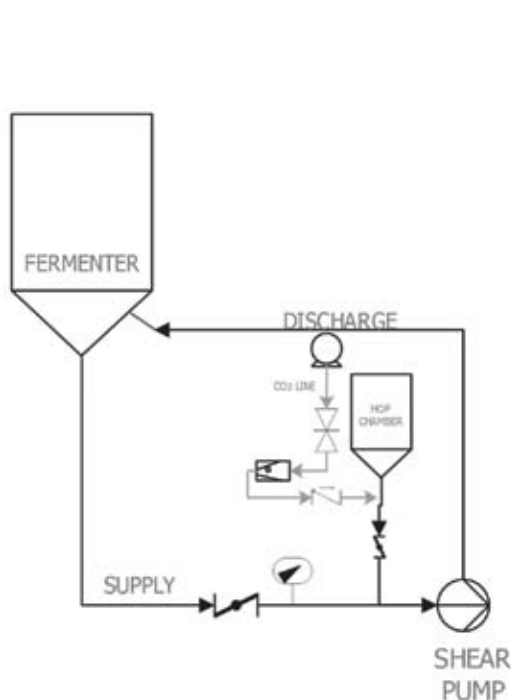


The ROLEC DH45, ROLEC DH90 and ROLEC DH250 models offer small to large scale breweries a safe and efficient way to dry hop and creatively induce flavors into beer.

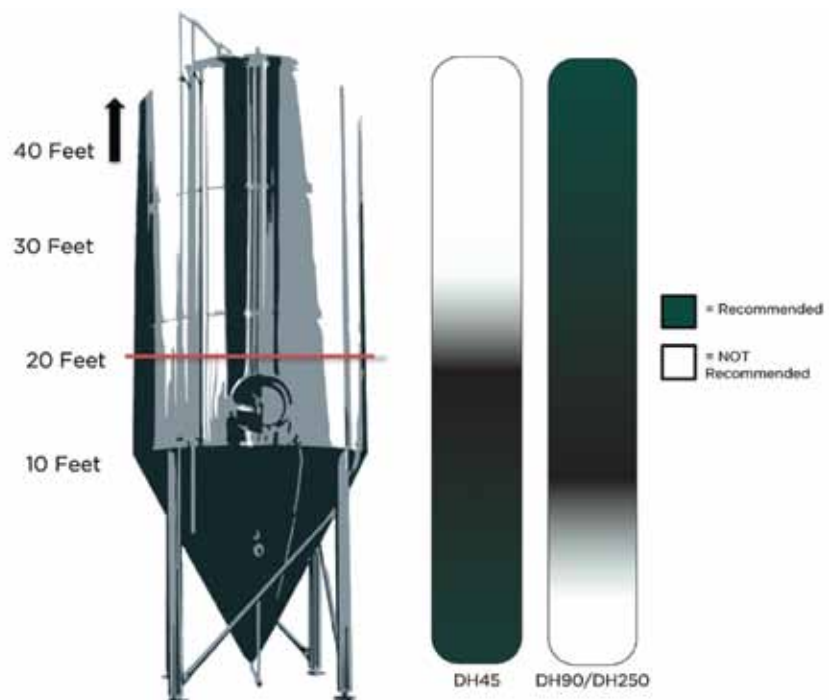
SPECIFICATIONS

	PELLET CAPACITY	PUMP	RECIRCULATION /MIN	PORT SIZE	MOTOR
DH45	44 lbs/20 kg	SBI-R10	2.0 bbls/2.4 hectoliters	1.5"/DIN 40	5 hp/4 kW
DH90	88 lbs/40 kg	SBI-R10	2.9 bbls/3.4 hectoliters	1.5"/DIN 40	5 hp/4 kW
DH250	264 lbs/120 kg	SBI-R20	3.7 bbls/4.3 hectoliters	2"/DIN 50	10 hp/7.5 kW

- Base material 304 stainless steel, wetted parts 316L stainless steel
- All models include VFD or motor starter.
- Stainless steel casters
- The DH90 and DH250 can CIP with or without a sprayball due to its internal whirlpool system. (Sprayball for the hop chamber is optional)
- The DH45 requires a sprayball for CIP.
- Standard 50'/15m cord



Functional design under license of ROLEC PROZESS- UND
BRAUTECHNIK GMBH, GERMANY, United States Patent no. 8,875,616



Recommended fermenter heights

ROLEC DH45 Induction System

The simplicity of the ROLEC DH means dry hopping just got safer and easier.

The **ROLEC DH units** utilize the Ampco SBI pump to safely induce dry hop pellets, fruit, spices coffee and more directly into the stream of beer while recirculating the fermenter.

The systems use carbon dioxide (CO₂) to purge oxygen from the hop chamber.

Pellets can be induced into fermenting, finished, or crashed beer. The chopper pump creates a differential pressure for induction from the vessel. The pellets and other media is chopped to maximize the surface area, flavor and aroma.



Model DH45
<5,000 bbls/yr

FEATURES:

- The DH45 is a smaller scale version offering a non-pressurized vessel utilizing a "blanket" of CO₂ to protect the product from oxygen intrusion.
- The DH45 is capable of induction on fermenters with a maximum height of 20 feet and can be used additionally as transfer and CIP pumps.
- Gauges and sight glasses aid the user in monitoring induction and pressures
- Everything needed for pellet induction is contained on the ROLEC DH
- All components are sanitary and CIP-able (no additional CIP pump is required)
- The fully portable DH can be used on many fermenters and fits well in cramped cellars
- Recirculation can be done as long as desired (Ampco recommends 3-4 fermenter turnovers)
- Improved aroma and flavor profile

**For more information, contact us at
1-800-361-5361 or e-mail sales@harco.on.ca.**

ROLEC DH90 Induction System

The simplicity of the ROLEC DH means dry hopping just got safer and easier.

The **ROLEC DH** units utilize the Ampco SBI pump to recirculate a fermenter and simultaneously induce hop pellets dry into the stream of beer. The pellets are held in a pressurized chamber, which is purged of air using carbon dioxide (CO₂). Pellets can be induced into fermenting, finished, or crashed beer. The shear pump creates a differential pressure for induction of the pellets from the hop vessel. The pellets are chopped to just the right size so they can settle during the dry hop holding period.

FEATURES:

- A glass-top manway on the DH90 allows the user to ensure the pellets are moving
- Gauges and sight glasses aid the user in monitoring induction and pressures
- Everything needed for pellet induction is contained on the ROLEC DH90
- All components are sanitary and CIP-able (no additional CIP pump is required)
- The fully portable DH90 can be used on many fermenters and fits well in cramped cellars
- Recirculation can be done as long as desired (Ampco recommends 3-4 fermenter turnovers)
- Improved aroma and flavor profile



Model DH90 *≈5,000 to
100,000 bbls/yr*



**For more information, contact
us at 1-800-361-5361 or e-mail
sales@harco.on.ca.**

ROLEC DH250 Induction System

The simplicity of the ROLEC DH means dry hopping just got safer and easier.

The **ROLEC DH units** utilize the Ampco SBI pump to safely induce dry hop pellets, fruit, spices coffee and more directly into the stream of beer while recirculating the fermenter.

The systems use carbon dioxide (CO₂) to purge oxygen from the hop chamber.

Pellets can be induced into fermenting, finished, or crashed beer. The chopper pump creates a differential pressure for induction from the vessel. The pellets and other media is chopped to maximize the surface area, flavor and aroma.



Model DH250
100,000 bbls/yr

FEATURES:

- A glass-top manway on the DH250 allows the user to ensure the pellets are moving
- Gauges and sight glasses aid the user in monitoring induction and pressures
- Everything needed for pellet induction is contained on the ROLEC DH
- All components are sanitary and CIP-able (no additional CIP pump is required)
- The fully portable DH can be used on many fermenters and fits well in cramped cellars
- Recirculation can be done as long as desired (Ampco recommends 3-4 fermenter turnovers)
- Improved aroma and flavor profile

**For more information, contact us
at 1-800-361-5361 or e-mail
sales@harco.on.ca.**

SBI-R00 Cellar Cart

HIGH SHEAR INLINE MIXER

The **SBI-R00** is a unique and portable hop blending unit with tremendous advantages over conventional cellar carts when used for fermenter recirculation. The newly designed SBI-R00 blender allows small scale brewers the ability to chop hop pellets, improve hop yield and increase surface area, while simultaneously recirculating the fermenter. The process is completed using a 1.5HP motor and VFD which can be operated using 115V single phase power.

There has been tremendous market response to the ROLEC DH 45/90/250 Dry Hop systems utilizing the SBI-R10 and SBI-R20 blenders. The SBI-R00 now makes it possible for small batch brewers to enjoy some of these same benefits; decreased tank time, improved flavor profile and increased shelf life.

Specifications

- 1.5 HP 3500 RPM Motor
- Available voltages - 115V, 208V, 230V, 460V, 575V
- Up to 40 GPM / 9 m³/hr or 1.3 bbls/min recirculation rate
- Up to 50 ft head / 22 psi / 1.5 BAR
- NEMA 4X VFD
- Input cord available
- Stainless steel 2 wheel cart
- Can be used as cellar pump

For more information, contact us at 1-800-361-5361 or e-mail sales@harco.on.ca.



AMPCO 
APPLIED PRODUCTS

CB+ Craft Brew Pump

NEWEST ADDITION TO THE AC SERIES OF PUMPS

Ampco's **CB+ pump** was designed specifically for the craft brewing industry and the aficionados who are passionate about creating their signature brews, not dealing with leaking pumps.

Ampco's CB+ features a sanitary internal seal design that will keep seal faces cooler and minimize product buildup.

Dry running external mechanical seals on standard "C Series" style pumps is unavoidable when pumping wort at temperatures near boiling. Flashing will occur between seal faces causing premature seal wear and allow solids to build up between the faces resulting in leaking. The CB+ design minimizes these problems in several ways:

- The internal seal is submersed in the product to promote cooling.
- Pressure within the pump will create higher closing force on the balanced seal faces to minimize product buildup.
- The internal spring will help agitate the wort solids keeping them from pooling at the seal faces.



For more information, contact us at 1-800-361-5361 or e-mail sales@harco.on.ca.



CB+ Craft Brew Pump is Engineered for Craft Brewery Efficiency

Low Cost, 316L Stainless Steel Construction & Stainless Steel Adaptors are Standard

CB+ pumps are hydraulically and dimensionally interchangeable with existing C Series pumps. There is no need to change piping or purchase a pump that costs twice as much.

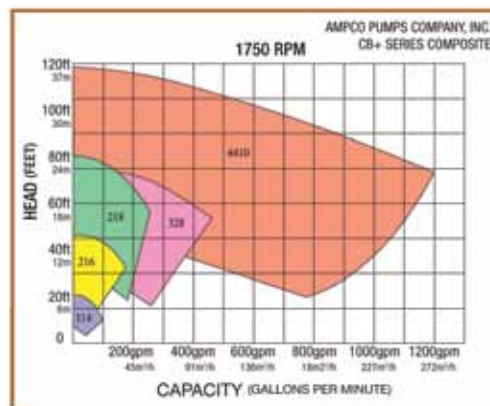
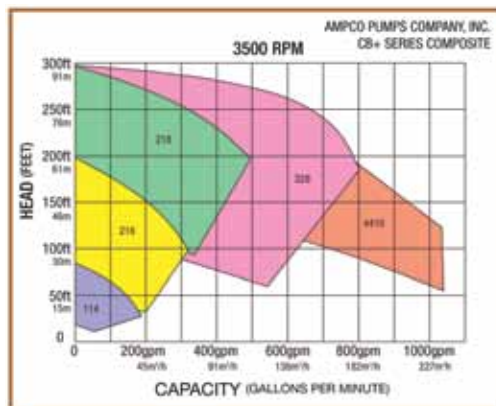
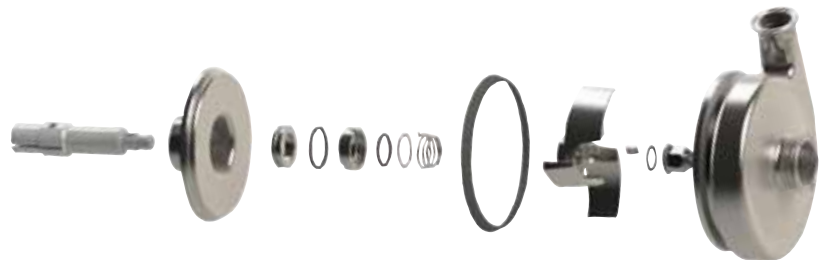
Ampco offers two CB+ conversion kits, allowing existing C Series and AC+ pumps to be converted to CB+ pumps.

- CB+1: Convert an Ampco AC+ pump to a CB+ simply by replacing the seal and backplate (CB+1 conversion kit).
- CB+2: Convert Ampco AC and competing C Series pumps with the CB+2 conversion kit. (includes backplate, seal, stub shaft, collar, o-ring, and impeller nut).



Models	Inlet	Outlet	Maximum Impeller
CB+ 114	1.5" - DIN 40	1.5" - DIN 40	4" - 102mm
CB+ 214	2.0" - DIN 50	1.5" - DIN 40	4" - 102mm
CB+ 216	2.0" - DIN 50	1.5" - DIN 40	6" - 152mm
CB+ 316	2.5" - DIN 65	1.5" - DIN 40	6" - 152mm
CB+ 218	2.0" - DIN 50	1.5" - DIN 40	8" - 203mm
CB+ 318	3.0" - DIN 80	1.5" - DIN 40	8" - 203mm
CB+ 328	3.0" - DIN 80	2.0" - DIN 50	8" - 203mm
CB+ 428	4.0" - DIN 100	2.0" - DIN 50	8" - 203mm
CB+ 4410	4.0" - DIN 100	4.0" - DIN 100	10" - 254mm
CB+ 6410	6.0" - DIN 150	4.0" - DIN 100	10" - 254mm

Construction Materials: All models are made of 316L stainless steel



For more information, contact us at 1-800-361-5361 or e-mail sales@harco.on.ca.

Wine and Must Cart

Ampco's Wine & Must Cart comes equipped with the durable Ampco ZP1 Series positive displacement pump.

Pump technology is at its best in Ampco's Wine & Must Cart featuring the popular ZP1 positive displacement pump with its standard stainless steel gearcase.

Typical applications:

- Wine/Juice Transfer
- Barrel Work
- Filter Feed
- Bottling/Filler Supply

Standard Pump Features:

- 316L stainless steel wetted parts with Alloy 88 non-galling rotors
- 304 stainless steel gear case
- Single O-ring seals
- Tri-clamp connections
- Bearing protection package
- High efficiency TEFC motors with 20:1 turndown ratio

Common Pump and Motor Options:

- Single and double mechanical seals
- Multiple connection options
- Washdown and stainless steel motor enclosures
- NEMA or IEC motor frames



For more information, contact us at 1-800-361-5361 or e-mail sales@harco.on.ca.

Wine & Must Cart Delivers Portable Transfer Technology

Available in four standard model sizes and are used for applications including wine and juice transfer, barrel work, filter, filling, and bottling supply.

Control Features:

- NEMA 4X VFD
- Remote speed potentiometer
- Membrane control with digital display
- Wash-down approved wiring, cord and plug options are available upon request

Cart Features:

- 304 stainless steel construction
- 10" foam filled tires with grease-able roller bearings



MODEL	Inlet / Outlet size	Motor	Flow / Max	Pressure / Max
WC-30	1.5"	2 HP / 1.5 kW	30 gpm / 7 m³/h	60 psi / 4 bar
WC-40	2"	3 HP / 2.2 kW	40 gpm / 9 m³/h	60 psi / 4 bar
WC-60	2.5"	5 HP / 4 kW	70 gpm / 16 m³/h	80 psi / 5.5 bar
WC-130	3"	7.5 HP / 5.5 kW	135 gpm / 31 m³/h	60 psi / 5.5 bar

Built to withstand harsh working environments – inside and out – the Ampco Wine and Must Cart can stand up to whatever the application.

For more information, contact us at 1-800-361-5361 or e-mail sales@harco.on.ca.



Cellar Cart

FOR BEER & CIP

Ampco's Cellar Cart for beer and CIP is a lightweight, robust two-wheeled cart designed for maximum mobility. Constructed of stainless steel tubing, the Cellar Cart has solid polypropylene wheels and is corrosion resistant. Each versatile cart is built to customer specifications and can include any of Ampco's centrifugal pumps, positive displacement pumps, or blenders. Carts are ergonomically designed for ease of use in tight spaces.



Model CB56 / AC+ 114
with NEMA 4X VFD.
Shown with a stainless steel
1.5 HP 3500 RPM motor.



Model CB180/ AC+ 216
with NEMA 4X VFD.
Shown with a wash-down
5 HP 3500 RPM motor.

**For more information, contact
us at 1-800-361-5361 or
e-mail sales@harco.on.ca.**



Plate Heat Exchangers

**For Sanitary, Industrial, HVAC
and Process Applications**

Authorized Tetra Pak Distribution Centre



Tetra Pak

Tetra Pak gives you access to a wide range of compact plate heat exchangers that are especially designed for pasteurizing, and other kinds of heating and cooling of liquid foods. No matter which you select, you will acquire a proven, reliable, hygienic and compact design that will carry out its tasks effectively and without problems for many years to come.

**Call us today for pricing
800-361-5361.**

A large supply of replacement parts in stock.



Alfa Laval Brazed & Fusion-Bonded Heat Exchangers

Alfa Laval brazed heat exchangers are compact, efficient solutions for heating and cooling duties involving water, evaporation and condensing, coolants, oil, and refrigerants.



Alfa Laval CB brazed plate heat exchangers (left) deliver high thermal efficiency, while **Alfa Laval's patented AlfaNova** (right), a unique fusion-bonded heat exchanger made from 100% stainless steel, is optimized for the most demanding duties.



For Heat Exchangers and Regasketing For All Makes

Tetra Pak

APV

Tranter

Swep

Vicarb

Sondex

GEA

Schmidt

AGC

Arsopi

Barriquand

Bell & Gossett

Cetetherm

CIAT

Corblin

DMS

Donghwa

Firoini

Fischer Eurocal

Funke

Hisaka

ITT

KAPP

Krashin ENG

Mueller

Pasilac

Polaris

Reheat

Skilleborg

Stork

Thermaline



CENTRIFUGAL PUMPS

LKH Series Pumps

The LKH pump from **Alfa Laval** is an efficient and economical centrifugal pump. It meets hygienic and gentle product treatment and chemical resistance requirements. And, since the LKH Series spans many sizes, you always have the most resourceful pump for your centrifugal needs.

With the shaft seal positioned outside the pump, difficult-to-clean components will not come into direct contact with the product. The front-loading design allows quick and easy replacement, providing more uptime with lower maintenance costs. Interchangeable single, flushed and double seals simplify spare parts inventory.

This pump's impeller design ensures efficient and gentle handling of the product as it moves through the pump. This ensures product integrity and minimizes NPSHr (Net Positive Suction Head required).

Contact Harco for your Alfa Laval LKH Pump or LKH replacement part inquiries.



LKH Prime Pumps

The LKH Prime from **Alfa Laval** is a highly efficient, versatile and hygienic self-priming pump that uses a combination of air-screw technology and advanced design to meet the most stringent requirements in a range of industries including food, dairy, beverage, pharmaceutical, home and personal care.

The ability to clear air from the suction pipe, combined with a low noise level and high pumping efficiency, makes the LKH Prime a CIP powerhouse. Ideal for tank emptying and CIP return applications, with verified effective CIP cleanability, LKH Prime can be used as a product pump as well.

The LKH Prime has an external single or a double mechanical shaft seal. Both have stationary seal rings made from stainless steel AISI 329, with sealing surface in silicon carbide and rotating seal rings in carbon.

The pump is easy and cost effective to service and maintain. By sharing common parts with other Alfa Laval LKH range pumps, the LKH Prime offers low cost of ownership and increased uptime, backed up by the security that comes from Alfa Laval's global service network.

Contact Harco for your Alfa Laval LKH Prime Pump or LKH Prime replacement part inquiries.



Visit our web site at <https://www.harcosupply.com/pumps/centrifugal-pumps/lkh-prime-pumps/>

Solid C Series Pumps

The **Alfa Laval** Solid C centrifugal pump is a standard duty pump for basic transport duties in hygienic applications commonly used in food, dairy, beverage and pharmaceutical industries.

With its hygienic design, cost-effective operation and quick, easy maintenance, the Solid C ensures an excellent return on investment.

Solid C centrifugal pumps offer consistent performance and maximum cleanability. The pump interior is designed to control surface contamination and features O-rings with defined compression. Compliance with 3A, CE, FDA and EHEDG requirements offer an excellent level of hygiene.

The Solid C has a semi-open impeller, which provides gentle handling of the product. Smooth crevice-free surfaces eliminate any dead zones where bacteria can thrive. In addition, the Solid C is easy to clean and employs FDA-approved elastomers.



Contact Harco for your Alfa Laval Solid C Pump or Solid C replacement part inquiries.

Visit our web site at <https://www.harcosupply.com/pumps/centrifugal-pumps/solid-c-series-pumps/>

AMPCO AC/AC+ Series Pumps

AC+ pumps are a cost-effective solution to a wide range of sanitary pump applications used in food, dairy, beverage and pharmaceutical industries.

The pumps feature an improved shaft design, while maintaining the hydraulic characteristics and external dimensions of the traditional AC Series. They also conform to 3-A sanitary standard.

Other AC+ Series sanitary pump benefits:

- Clamped stub shaft and threaded impeller nut provide more stable performance
- External dimensions are the same as AC pumps; no need to change piping
- Hydraulic performance is identical to the AC pumps
- 316L stainless steel construction and adapter
- Parts are 100% interchangeable with competing brands



Contact Harco for your Ampco AC/AC+ Pump or AC/AC+ replacement part inquiries.

Visit our web site at <https://www.harcosupply.com/pumps/centrifugal-pumps/ac-ac-series-pumps/>

AMPCO LC/LF/LD Series Pumps

Ampco created the LC, LF, and LD pump lines to be interchangeable with Fristam's FPX, FPR, and FP models; they're functionally and hydraulically identical to Fristam's products.

These pumps feature heavy-duty cast construction and high efficiency. All models feature a 304 stainless-steel adapter and conform to 3-A sanitary standards.

AMPCO LC - Ampco's LC Series is a tried and true single mechanical seal design. LC pumps are used for gentle and efficient applications, such as beverage and dairy.

AMPCO LD - LD Series is a close-coupled version of the LC Series, using a double mechanical seal. The LD is used with abrasive or volatile products, and in vacuum applications.

AMPCO LF - Ampco's LF is designed with a unique front-loading seal for easy maintenance and improved cleanability. Balanced impellers, a self-aligning shaft design and tight manufacturing tolerances, minimize vibration and improve seal life, making the LF a preferred choice for difficult-to-handle products.

Visit our web site at <https://www.harcosupply.com/pumps/centrifugal-pumps/lc-lf-lf-seriespumps/>



LC Series Pump

Ampco Pumps Company



LF Series Pump

AMPCO SP Series Pumps

The Ampco SP Series self-priming liquid ring pumps suit products with entrained air and CIP return applications. Entrained air is the cause of noise, vibration, seal failure, general performance reduction, or eventual pump failure.

Designed to handle entrained air conditions, while maintaining specified performance and efficiency levels, the SP is built with extremely tight manufacturing tolerances.

A unique vane-shaped or wagon-wheel style impeller design allows the SP to handle shear sensitive products efficiently, while maintaining peak pump performance.

Contact Harco for your Ampco SP Pump or SP replacement part inquires.

Visit our web site at <https://www.harcosupply.com/pumps/centrifugal-pumps/sp-series-pumps/>



Ampco Pumps Company

SANITARY VALVES

BUTTERFLY VALVES

Alfa Laval Butterfly Valves

Alfa Laval's butterfly valve is a straightforward on/off routing valve, with a substantial opening area and low flow resistance. Where hygiene standards are important, this valve is ideal to use with low- and medium-viscosity liquids.



The butterfly valve range has modular units designed to meet the full spectrum of requirements at working pressures, from full vacuum to 10 bar. All valves are FDA-compliant, designed to use in a range of stainless steel pipe systems, and can be built to comply with virtually any installation standard.

This valve can be complemented with a lockable handle for manual operation with an actuator, combined with either a valve indication unit or Alfa Laval ThinkTop valve sensing and control units.

For manual operation, Alfa Laval provides a selection of handles, including a multi-position lockable handle.

For automated operations, different actuators are available; the special double-spring design enables application of maximum torque to the valve disc at breakaway and seal positions. This makes it easy to integrate these valve units into larger systems operated from a central point, and/or to operate them automatically for maximum efficiency. Alfa Laval LKB parts are available.

Visit our web site at <https://www.harcosupply.com/valves/butterfly/>

CHECK VALVES

LKC Check Valves

LKC 2 Check Valve

Specially designed for use in stainless steel pipe installations, Alfa Laval's LKC-2 non-return valve ensures the single directional product flow through process lines. This provides protection for process equipment that can be affected by reverse flow and prevents pressure surges and/or system shutdown. Widely used in various processes throughout the sanitary industry, these standard non-return valves are safe and highly reliable.



LKC 2
Check
Valve

LKC UltraPure Check Valve

Designed to meet the specific demands and strict standards of the biotech, pharmaceutical and personal care industries, the LKC UltraPure non-return valve provides safe, easy installation and high, consistent quality.



LKC UltraPure
Check Valve

Alfa Laval LKC & LKC UltraPure parts are available.

Visit our web site at <https://www.harcosupply.com/valves/check-valves/>

MIXPROOF VALVES

Alfa Laval Mixproof Valves

Alfa Laval's Unique Mixproof valve enables simultaneous flow of two products or fluids through the same valve, without risk of cross-contamination. Its state-of-the-art double-seat design provides long-lasting, spill-free operation thus minimizing the risk of product contamination. The use of double-lip seals provides added protection to ensure a safe and hygienic operation.

The Unique Mixproof valve is a normally closed valve that is controlled from a remote location by means of compressed air. To separate the two liquids, the valve has two independent plug seals. The space between the two seals forms an atmospheric leakage chamber. In the rare case of accidental product leakage, the product flows into the leakage chamber and is discharged through the leakage outlet.

When the valve is open, the leakage chamber is closed. The product can then flow from one line to the other without spilling. The valve can easily be cleaned and protected against the effects of water hammer, according to the specific requirements of the process and the configuration of the valve. There is no product spill during valve operation. Alfa Laval Mixproof parts are available.

Visit our web site at <https://www.harcosupply.com/valves/mixproof/>



SINGLE SEAT VALVES

Unique Single Seat Valves

The Alfa Laval unique single seat valve (SSV) is a robust, reliable and versatile pneumatic valve designed for uninterrupted production in a broad range of hygiene-critical applications.

The unique SSV is an air-operated seat valve, that can be remotely controlled. It can be configured as a shut-off or change-over valve with various actuators NO, NC or two-step for smoother operation to avoid pressure peaks and/or over filling of a tank.

Valve bodies, plugs and actuators of these control valves can be configured to meet virtually any requirement, resulting in cost-effective solutions that meet high standards of hygiene and aseptic compatibility.

The unique SSV range of food grade valve is engineered to provide excellent hygiene and cleanability. With a surface finish of $Ra \leq 0.8\mu m$, the smooth, weld-free valve body eliminates crevices that can trap bacteria. The design of the plug supports enhanced cleaning-in-place (CIP) capabilities, and a double-acting lip seal that minimizes any risk of cross-contamination.

Thanks to its straightforward, reliable design, the unique SSV range provides a long service life, reduced product loss, greater product safety and more processing uptime. Alfa Laval unique SSV parts are available.

Visit our web site at <https://www.harcosupply.com/valves/single-seat/unique-ssv/>



Tri-Clover® 700 Series Valves



Tri-Clover Inc.

The Alfa Laval Tri-Clover 700 Series is a range of air-operated single-seat valves that provide years of reliable performance, and have been installed for decades in various food, dairy and beverage plants across the U.S.

700 Series valves can be configured with either a short- or long-stroke actuator. The 761 valve has a flexible sanitary design, allowing it to be used in a wide range of applications, as a stop valve with two or three ports or as divert valve with three to five ports.

The valves feature a durable and dependable design with rugged plastic stem bushings, which eliminate metal-to-metal galling. In addition, the stem is threaded to the actuator shaft, eliminating the coupling between the stem and actuator, thereby ensuring proper alignment. Bushings at each end of the cylinder support stem also ensure perfect alignment. Finally, each valve features a heavy-duty bonnet and body ferrule design that will stand up to years of pounding from hydraulic shock.

Tri-Clover 700 Series valves are available in both long and short actuators, including a wide selection of shut-off and divert valves. Sizes range from 2" (50 mm) to 4" (102 mm), in normally opened or closed positions. Alfa Laval Tri-Clover 700 Series parts are also available.



Visit our web site at <https://www.harcosupply.com/valves/single-seat/tri-clover-700-series/>

Bürkert Single Seat Valves

Harco offers a range of Bürkert valves for sanitary and utility use. Bürkert is unique in its product offering for measuring, controlling and regulating fluids. Their products are designed to be configured, delivered and installed as simply as possible.

Their vast portfolio (28,000 types) of German-engineered products are precision manufactured solely to contribute to the efficiency of your process. Whether your area of process control involves temperature, pressure, pH, conductivity, flow or level, Bürkert has the products that can make your life simpler.



bürkert
FLUID CONTROL SYSTEMS

Visit our web site at <https://www.harcosupply.com/valves/single-seat/burkert-ssv/>

AUTOMATION

V20/V50/V70 ThinkTop

The compact **Alfa Laval ThinkTop V50 and V70 valve control units** are the second-generation of the leading sensing and control units for hygienic valves. It ensures unmatched control of all Alfa Laval valves used in the dairy, food, beverage, brewery and pharmaceutical industries.

The ThinkTop V50 and V70 valve control units offer a single-sensor solution for butterfly, single-seat and mixproof valves; a single control unit can be fitted with up to three solenoid valves. ThinkTop converts the electrical PLC output signals into mechanical energy to energize or de-energize the air-operated valve, using the physical sensor target mounted on the valve stem.

Boost process productivity and secure product traceability with the **Alfa Laval ThinkTop V20 valve indication unit**. Reliable and cost-effective, it provides intuitive sensing of the hygienic valve status and position in real time. Easy to install on Alfa Laval valves with standard mushroom connections, the valve sensor is suitable for hygienic applications across the dairy, food, beverage, home and personal care, biotechnology, pharmaceutical and many other industries.

Also available is the ThinkTop and ThinkTop Basic combine Alfa Laval's quality with standard functionality for automated sensing and control of sanitary valves.

Visit our web site at <https://www.harcosupply.com/valves/automation/>



Burkert 8681 Control Head

A Burkert Control Top is an excellent alternative which fits many valve designs. With the control head 8681, its status display is bright and its talent shines through in its central role in decentralized automation.

Universally adaptable, combining with all valve forms, it takes on the complete pneumatic control, feedback and diagnostic and even bus communication. Since it's made of chemically stable materials, has a high IP protection and is easy to clean, the 8681 is perfectly suited for hygienic applications.

Features:

- Universal attachment for hygienic process valves
- Contactless position measurement system with 3 switching points (teach-In function)
- Coloured status display
- Manual override to be used with closed housing
- Communication interfaces AS-Interface and DeviceNet



Visit our web site at <https://www.harcosupply.com/valves/automation/burkert-control-tops/>

SAMPLING VALVES

Alfa Laval Sampling Valves

Unique Sampling Valves

With Alfa Laval's unique sampling valves, you can take representative samples in a variety of hygienic processes within processing industries. These reliable single and double-seat valves provide the high accuracy, exceptional reproducibility and excellent reliability required for high quality, cost-effective sampling.

A30 Sampling Valve

The A30S sampling valve is available with a tri-clamp or plain bevel seat connection, designed to connect directly to a port in the side of a tank. The sample is taken with a simple press of the spring return manual actuator.

Keofitt Sampling Valve

The Keofitt sampling valve is designed for steam sterilization before and after each sampling. The valve consists of three parts, a valve body, a valve head and a membrane. The rubber membrane is placed on the stem of the valve head and works as a stretchable plug. The valve bodies and valve heads are interchangeable.



Visit our web site at <https://www.harcosupply.com/valves/sampling-valves/>

VACUUM BREAKERS/RELIEF VALVES

Alfa Laval's Vacuum Breakers/Air Relief Valves

B44MP Vacuum Breaker

The B44MP vacuum breaker is available in 1½" and 2" tri-clamp connection. It uses a teflon plug and o-ring design. Positive pressure keeps the o-ring sealed against the base. During vacuum, the plug and o-ring drop down allowing air into the system. The standard o-ring is Buna, but can be changed to other elastomers.



LKUV-2 Air Relief Valve

The LKUV-2 air relief valve is designed for use when air removal from a process line without product loss is a primary concern. These provide solid safety, efficiency and low cost of ownership for processing where hygiene standards are essential.

The LKUV-2 air-relief valve is an automatic double-seat valve engineered to relieve excess air in industrial processing lines. Vertically installed, this valve is ideal for use on the top of a pipeline, container, or before a pump inlet.



Visit our web site at <https://www.harcosupply.com/valves/vacuum-breakers-relief-valves/>

POWDER & INGREDIENT SYSTEMS

POWDER-max

The POWDER-max reduces processing time and provides optimal product consistency with zero batch size limitations. An innovative design allows POWDER-max to quickly mix wet and dry ingredients in a single, fully portable unit. POWDER-max combines Ampco's SP Series liquid ring pump and High Shear Blender in-line to facilitate unlimited production runs. The sanitary design is suitable for food.



Visit our web site at <https://www.harcosupply.com/powder-max/>

SHEAR-blend

The SHEAR-blend portable tabletop hopper system is designed for ergonomic small batch blending, where shear is required but a larger two-pump system is unnecessary. The SHEAR-blend system combines powder induction and fluid pumping as an economical solution to moderate powder induction applications. The combination of shear teeth and pumping vanes on the Ampco SBI blender efficiently shear and pump the product.



Visit our web site at <https://www.harcosupply.com/shear-blend/>

SIMPLE-Blend

The SIMPLE-blend is a lower cost option, with a simple design. The system is designed to induce powders at a highly efficient rate, with minimal shear. An Ampco SP Series pump powers this unit and the self-priming SP provides the suction for the induction process. A typical application for the SIMPLE-blend unit would require little to no shear and induce easily dissolved products. These units can be completely customized per application and process layout.



Visit our web site at <https://www.harcosupply.com/simple-blend/>

DRY-blend

The DRY-blend system can efficiently and thoroughly blend wet and dry ingredients. Powered by an Ampco AC+ centrifugal pump, this proven tube within a tube design eliminates foaming, lumping and fisheyes, while consistently blending with every batch. All wetted components are 316L stainless steel. The DRY-blend system is easy to maintain and operate, and is suitable for food, dairy, beverage, and pharmaceutical applications.



Visit our web site at <https://www.harcosupply.com/dry-blend/>

Instrumentation

Harco offers a complete line of instrumentation, including sanitary and industrial pressure gauges, digital and bi-metal thermometers, flow measurement devices for various liquids, gases and steam, as well as chart recorders and pens. We supply products from industry leaders such as Burkert, Endress+Hauser, Chicago Stainless, Alfa Laval and more.

Pressure Gauges & Thermometers

Brewery Pressure Gauge

The most economical gauge designed specifically for the brewery industry. They are constructed with an all Stainless Steel case and are available with either a 1-1/2" or 2" Tri-Clamp fitting. The gauges are very accurate yet durable for the typical environment in a brewery. This gauge is offered in many different scales with pressure ranges from 30"Hg (vacuum) up to 1,000 psi.

We are suppliers of a wide variety of modular and unimodular digital thermometers and pressure gauges for the dairy, food services, beverage, industrial and pharmaceutical industries across North America from Chicago Stainless and Winters Instruments.

We offer a large range of products, including:

- Sanitary Digital Thermometers
- Bi -Metal Thermometers
- Sanitary Pressure Gauges
- Pharmaceutical Pressure Gauges
- Homogenizer Pressure Gauges
- Industrial Stainless-Steel Pressure Gauges
- Sanitary RTD's & Temperature Transmitters

**HARCO****WINTERS**

Flow Meters

Sanitary & Industrial Flow Meters

Harco can offer a complete line of sanitary and industrial flowmeters from industry leaders such as Endress + Hauser, Burkert, and Alfa Laval. Whether it is water, gas, chemicals or steam, Harco realizes that all applications are different and can offer a customized solution to fit your specifications.

Endress+Hauser **EH****bürkert**
FLUID CONTROL SYSTEMS

Visit our web site at <https://www.harcosupply.com/instrumentation/>

GASKETS & FITTINGS

Harco carries a range of sanitary gaskets and fittings in various materials in stock for same day shipments.

Sanitary Fittings

Our stainless-steel sanitary fittings are ideal for a wide range of applications, in both 304 S.S and 316 S.S. Our line of fittings includes products for use in food and beverage processing, bio-pharmaceutical operations, straining, filtering and many other applications.

S.S tubing is also available. Please contact us for more information.



Sanitary Gaskets

Our sanitary pipeline gaskets come in a number of styles and materials to fit your application, including:

- Tri-Clamp Gaskets
- Schedule 5 Gaskets
- Bevel Seat Gaskets
- John Perry
- Q-Line & I-Line Gaskets
- Mesh Screen
- Perforated Plate Gaskets
- Orifice Plates



Visit our web site at <https://www.harcosupply.com/tubes-fittings-gaskets/>

CLEANING & WASHDOWN EQUIPMENT



Harco Enterprises offers a full line of cleaning and wash down equipment from Strahman and Archon Industries as well industrial hoses and tubing for a wide variety of applications serving the dairy, food, brewing, pharmaceutical and many other industries across North America.

High-quality, high-efficiency, long-service products to fit your application. From hoses, tubing and hose reels, mini nozzles, spray nozzles, steam and water mixing stations, as well as many other mixing stations and products.

Strahman Low Flow Nozzles & Mixing Station

Low Flow Nozzles

HYDRO-PRO-150 NOZZLE

Black, white, or red.

Heavyweight performance in a lightweight design! This water saver spray nozzle is ergonomically designed to reduce user fatigue. Stays cool even when using water as hot as 200°F.



M-70 SERIES NOZZLE

With swivel adapter. Black (M-70), white (M-75), or red (M-77).

Automatic Water Saver Spray Nozzles automatically shut off the moment the lever is released, thereby eliminating all waste of water.



Steam & Cold Mixing Water Mixing Station

M-5000TG

A Steam and Cold Mixing Water Unit, designed to produce hot water instantly from a steady supply of steam and cold water. And is available in bronze or chrome-plated material.

M-5000TG/M-5700TG Unit

Required Steam Model No.	Required Steam Pressure*	Required Water Pressure*	GPM
M-5000 L**	80-95 lbs.	50-80 lbs.	5-7
M-5000 M	96-130 lbs.	50-80 lbs.	4.5-6
M-5000 H	130-150 lbs.	50-80 lbs.	4.5-6

* Steam pressure required at installation site to ensure proper operation of mixing unit. ** Standard unit supplied.



ARCHON Low Flow Nozzles & Mixing Station

Heavy Duty Rear Trigger Spray Nozzles

MODEL: RT12

Available in bronze or stainless steel, with cover options in black, red or white.

Fully adjustable nozzle with automatic shut-off upon lever release for safety and reduction of water usage.



Steam & Water Mixing Station

MODEL: WD2010

Steam and cold water are thoroughly mixed to provide "instant" hot water on demand.

Features & Benefits:

- No carbonate build-up
- Internal steam and water check valves to prevent back-flow
- Fail-safe trigger- actuated spray gun or shut-off lance
- All units have a maximum allowable pressure of 200 psig steam
- Water supply pressure up to 150 psig



Brewery, Winery & Distillery Hose

Connoisseurs Food & Beverage Hose Novaflex 6506

Special kink and crush resistant suction and discharge hose, designed for those more demanding applications requiring a product that meets 3-A, FDA & USDA standards. REACH Compliant. Meets or exceeds the requirement of the Canadian Food Inspection Agency. Designed to meet the temperatures and chemical resistance associated with "cleaning in place" systems. This ultra smooth microbe resistant tube is built for non-oily applications, on special stainless steel mandrels for cleanliness.



Specifications: Tube: White Chlorobutyl (non oily applications). Reinforcement: Multiple plies of polyester tire cord & dual monofilament helix. Cover: Gray EPDM abrasion resistant. Temperature Range: -40°F (-40°C) to +240°F (+116°C) (Cleaning In Place to 248°F (+120°C)) Not for continuous steam service. Full Vac (HG) and WP 250 PSI

NovaBrew™ Novaflex 6507NB

A state of the art designed hose based on the specific requirements of today's modern breweries. NovaBrew™ has a rugged but flexible construction with a super, smooth white microbe resistant chlorobutyl tube, for non-oily applications, a dark burgundy red cover that resists dirt scuffs and is easily cleaned. NovaBrew™ is built on special stainless steel mandrels for maximum cleanliness and meets the requirements of FDA, USDA, CFIA & 3-A (Cert#1376).



Specifications: Tube: White chlorobutyl (non oily applications). Reinforcement: Multiple plies of polyester tire cord, dual monofilament helix rods. Working Pressure: 250 psi. Full vacuum rated through 3" ID. Size (ID): ¾" to 4". Cover: Dark burgundy EPDM. Length: 100 ft. Temperature Range: -40° F (-40° C) to +240° F (+116° C). Cleaning in Place to 248° F (+120° C). Can be open end steam cleaned.

Authorized Distributor for

NOVAFLEX®

TANKS

Visit our web site at <https://www.harcosupply.com/tanks/>

Harco provides a range of tank accessories for enhancing the tank itself. These include machine and tank feet in a variety of constructions, door gaskets, peepsight gaskets, agitators, agitator seals, a broad selection of tank covers, and more. We distribute for Alfa Laval and Mueller and also offer parts and gaskets for many other brands including Cherry Burrell, De Laval, Crepaco, Walker and Damrow.

Spray Balls

Alfa Laval Rotary Jet Heads

Alfa Laval Rotary Jet Heads enable processing and manufacturing companies to use the least amount of resources while achieving the most effective tank clean. Rotary jet heads are specifically engineered to use the pressure and flow available to create high impact cleaning jets. Automated and fluid-driven, these devices maximize mechanical force, which reduces the amount of time, temperature and cleaning solution needed to effectively clean.



The rotary spray head tank cleaning device provides exceptional cleanability, better end-product quality, greater overall output and reduced operating costs. It is designed for hygienic, biotechnology and pharmaceutical applications. Available in various sizes and different configurations covering any tank size.

Tank Covers

Alfa Laval Tank Covers

Alfa Laval offers more than 50 different types of oval, circular and rectangular covers, providing a quick, easy and convenient entry and access to tank interiors in the dairy, food, beverage, and biopharm industries.

They are available with a variety of surface finishes and seal materials, and securely fit the openings of high/low or non-pressure tanks.



Manway Gaskets

Door Gaskets, Peepsight Gaskets and Agitator Seals

Harco Enterprises can supply a large list of Manway gaskets for various tanks such as Mueller, Alfa Laval, Cherry Burrell, Walker, Damrow, Crepaco, Heil, Dairy Craft, Chest Jensen and APC.



FILTERS AND STRAINERS

Filters and strainers provide versatile, cost-effective filtration. Designed for maximum application flexibility within process filtering, especially where strainers of sanitary design are required. Stainless steel filters and strainers are ideally suited for use in sanitary processing applications within dairy, food, beverage, meat and poultry, pharmaceutical and other hygienic industries.

Alfa Laval Streamline™ In-Line Filter/Strainer

Available in long and short models, Streamline™ filters and strainers provide versatile, cost-effective filtration. Designed for maximum application flexibility, the Streamline housing accepts a wide range of disposable filter and reusable strainer media. They are ideal for use in the dairy, food, beverage, meat and poultry, cosmetics, and pharmaceutical industries.



Alfa Laval LKSF Slot Strainer

The LKSF has a wide range of applications within process filtering, especially where strainers of sanitary design are required. Both strainer types consist of a housing in three parts, LKSF-BL has housing in two parts (101.6 mm)(4") in which the strainer element is placed.



The housing is assembled by clamps, (the upper clamp ring has a wing nut for manual operation) for quick dismantling for cleaning. The strainer element is fitted centrally in the housing and has direct access to the end cover of same where a welded-on handle facilitates dismantling when cleaning is required.

Alfa Laval LKVF

LKVF has a wide range of applications where removal of flow particles is required, e.g., for protection of a pump or other sensible equipment. The strainer consists of a casing with inlet and outlet. Inside the casing the filter element is fixed so that the flow is forced through it. This element consists of a perforated tube which is welded to a flange with a handle. This flange fits a ferrule on the casing to which it is clamped.



Rodgers Side Discharge Filters & Strainers

Stainless steel filters and strainers are ideally suited for use in sanitary processing applications within dairy, food, beverage and other hygienic industries. A modular concept allows the process designer the ability to build a product tailored to the application's requirements.



Visit our web site at <https://www.harcosupply.com/filters-and-strainers/>

SANITARY LUBRICANTS

HARCO	Description
 HL-7 Sanitary Lubricating Spray 11 oz. Spray Cans CFIA Approved	A light duty sanitary lubricant packaged in handy aerosol spray cans for fast application on food processing equipment as well as drawer slides, doors, hinges, etc. Harco's Sanitary Lubricating Spray HL-7 is suitable for use on dairy and food processing equipment, where contact with food may occur. It contains FDA and USDA accepted ingredients and is odorless, tasteless and non-toxic. Harco's Sanitary Lubricating Spray HL-7 contains no animal or vegetable fats, will not turn rancid and remains absolutely neutral when in contact with food products. Applications: Sanitary Valve And Stems, Pistons And Rings, Conveyors, Mixers, Sliding Pump Parts, Slicers, Cutters, Fillers, Wrappers, Gates, Wheels, Hinges.
HAYNES	Description
 Lubri-Film Spray Heavy Duty 11.25 oz. Spray Cans CFIA & FDA Approved	Heavy duty sanitary lubricant with high load bearing, low friction properties. Authorized by the NSF (rated H1) for use in food processing plants for incidental food contact. Provides a protective coating to all metal parts. A thin film will retain effectiveness on bearings, slides, and other lubricated surfaces despite moisture. Corrosion of metal is minimized. Highly resistant to separation or bleed. It will not dry or gum. Applications: Positive Pumps, Homogenizer Pistons, Size Reduction Equipment, Plug Valves, Dispensing Units, Centralized Lubrication Equipment, Beverage Equipment, Freezers, Stainless Steel Threads, Separators, Clarifiers.
 Haynes Spray Light Duty 9 oz. Spray Cans CFIA & FDA Approved	A light duty sanitary oil lubricant for all sanitary machine parts. This lubricant is authorized by the NSF (rated H1) for use in food processing plants for incidental food contact. This U.S.P.* Light Duty Sanitary Spray can be used as an oil lubricant for food processing equipment. And can be used safely on drawer slides, doors, hinges, wheels, carts, or anywhere a light duty oil is needed in and around the food processing area. Contains no animal or vegetable fats and is absolutely neutral. It will not turn rancid, contaminate or taint food products. It is odorless, tasteless, colorless and non-toxic. Applications: Valve Stems, Homogenizer Pistons & Rings, Positive Pump Parts, Wheels (carts, chairs, equipment), Hinges (doors, windows, equipment), Slides, Internal Machinery Parts, Anti-Rust Film, Release Agent, Filling Machines, and Gates.
 Haynes Silicone Spray 12 oz. Spray Cans Drums CFIA & FDA Approved	A sanitary spray lubricant for a variety of machine parts. This lubricant is authorized by NSF (rated H1,3H) for use in food processing plants for incidental food contact. Minimizes cleanup time and sticking problems on food packaging and processing equipment. Can be used as a release agent on plastic/rubber mold equipment and as an anti-rust film on equipment. Has one of the highest percentage of Silicone, to achieve the optimal effect on the food processing/packaging equipment. Applications: Belts, Slides, Fillers, Valves, Conveyors, Mandrels, Guide Rails, Anti-Rust Film, Transfer Chutes, Release Agent, Packaging Equipment, Plastic Injection Mold Equipment.

Visit our web site at <https://www.harcosupply.com/lubricants/>

HAYNES	Description
 Lubri-Film Tube 4 oz. Tubes CFIA & FDA Approved	Heavy duty sanitary lubricant with high load bearing, low friction properties. Authorized by the NSF (rated H1) for use in food processing plants for incidental food contact. Provides a protective coating to all metal parts. A thin film will retain effectiveness on bearings, slides, and other lubricated surfaces despite moisture. Corrosion of metal is minimized. Highly resistant to separation or bleed. It will not dry or gum. Applications: Positive Pumps, Homogenizer Pistons, Size Reduction Equipment, Plug Valves, Dispensing Units, Centralized Lubrication Equipment, Beverage Equipment, Freezers, Stainless Steel Threads, Separators, Clarifiers.
 Lubri-Film Cartridge 12 oz. Cartridge Drums CFIA & FDA Approved	Heavy duty sanitary lubricant with high load bearing, low friction properties. Authorized by the NSF (rated H1) for use in food processing plants for incidental food contact. Provides a protective coating to all metal parts. A thin film will retain effectiveness on bearings, slides, and other lubricated surfaces despite moisture. Corrosion of metal is minimized. Highly resistant to separation or bleed. It will not dry or gum. Applications: Positive Pumps, Homogenizer Pistons, Size Reduction Equipment, Plug Valves, Dispensing Units, Centralized Lubrication Equipment, Beverage Equipment, Freezers, Stainless Steel Threads, Separators, Clarifiers.
 Lubri-Film PLUS 4.oz. Tubes Drums Pails CFIA & FDA Approved	Heavy duty sanitary lubricant with extended performance, low friction properties. This lubricant is authorized by the NSF rated H1 for use in food processing plants for incidental food contact. Designed for longer lubrication intervals, eliminating downtime to relubricate the equipment. This lubricant wears evenly on all moving parts, preventing metal to metal contact and equipment damage. Will not dry or gum on the equipment and is highly resistant to separation or bleed. It is a time saver because it cleans off of the equipment easily. Applications: Pumps, Meat Slicing Equipment, Cheese Processing Equipment, Dispensing Units, Bearings, Packings, Plug Valves, Mixers, Slicers, Batch Freezers, Soft-Serve Machines, Shake Machines, Frozen Drink Machines, Cappuccino Machines, Yogurt Machines, Pasta Machines, Dispensing Units, Hospital Beds, Beverage Equipment.
 Haynes CIP Film 4.oz. Tubes Drums Pails CFIA & FDA Approved	NSF registered H1 for use in food processing plants for incidental food contact. And was specifically formulated for Clean-In-Place Systems. This lubricant has a low melting point of 120°F and is ideal on food processing equipment with frequent lubrication intervals. It is completely odorless, tasteless and non-toxic. Applications: Fittings, Positive Pumps, Threads, Valves, Multi-Port Flow Selectors, Plug Valves, All Sanitary Cip Systems Parts Requiring Daily Lubrication.
 Haynes® Anti-Seize and Lubricating Compound 2 oz. Container 7 oz. Jar, Pails, Drum CFIA & FDA Approved	A premium food grade lubricant which meets FDA/NSF requirements for incidental food contact. It is virtually odorless, colorless, tasteless, and non-staining. This multi-purpose grease can be used for a variety of applications in and around the food processing area. Provides maximum lubrication up to 475°F. Keeps parts working longer with less wear. Prevents rust and corrosion. Resists water and chemical washout. Non-staining. Suitable for pipe threads used with potable water-will not impart odor or taste. Prevents water and contaminants from entering the bearing. Applications: Nuts, Bolts And Screws, Pipe Fittings, Stainless Steel Fittings, Valve Stems & Assemblies, Pumps Gears, Chain Drives & Sprockets, Gasket Release Agent, Bushings, Press Fit Assemblies, Conveyor & Oven Bearings, Packaging Machinery, Worm Gears, Slow Speed or Highly Load Bearing <500 RPM, Rollers and Bottling Machinery.

McGLAUGHLIN OIL COMPANY	Description
 Petro-Gel 4.oz. Tubes CFIA & FDA Approved • Tasteless and odorless • Will not taint • Impervious to water • Operating Temp 0°-185°F • High melting point 195°F • Technical white grease	The number one sanitary lubricant used in the dairy industry and soft serve machines. The popularity of the technical white grease, has expanded to all areas of food manufacturing such industries as meat and poultry packing, bakery, beverage, brewery and distilleries, food packaging manufacturers, fruit and juice canners, vegetable canners and many more. It is the purest of lubricants, made with an odourless, tasteless high viscosity index paraffinic base oil. Compounded with appropriate food grade additives to meet the performance demands for all recommended applications. Authorized by USDA (H-1) as a lubricant for use where incidental contact with food. Applications: Sanitary Fittings, Stainless Steel Valves, Homogenizer Pistons, Filling Machine Pistons, Centrifugal Pumps, Guides and Slides Mechanisms, Continuous Direct Draw Ice Cream Freezers, Gaskets & Seals and O-Rings.
HAYNES	Description
 Haynes Brew Film (Haynes CIP-Film) 2 oz. Container 4 oz. tubes 25 Pound Pails Drum CFIA Approved	The Original Brew Film (Haynes CIP-Film) as a low melting point of 120°F and is ideal on all types of brewing equipment. It is completely odorless, tasteless, colorless, and non-toxic. The product is rated H1 by NSF, Kosher Certified, Halal Certified, and made from ingredients that are FDA approved. Applications: Corney kegs, o-rings, gaskets, pressure release valve, in/out pieces, keg couplers, quick dis-connects, and keg ball locks.
 Haynes Oil Light Duty 2.5 Gallon Pour Container CFIA & FDA Approved	A light duty sanitary oil lubricant for all sanitary machine parts. This lubricant is NSF rated H1 as well as 3H for both direct and incidental food contact. It is also Kosher Certified, Halal Certified, and all ingredients are FDA approved. This U.S.P.* Light Duty Sanitary Oil can be used safely on drawer slides, doors, hinges, wheels, carts, or anywhere a light duty oil is needed in and around the food processing area. Haynes Oil contains no animal or vegetable fats and is absolutely neutral. It will not turn rancid, contaminate or taint food products and is odorless, tasteless, colorless and non-toxic. Applications: Valve Stems, Homogenizer Pistons & Rings, Positive Pump Parts, Wheels (carts, chairs, equipment), Hinges (doors, windows, equipment), Slides, Internal Machinery Parts, Anti-Rust Film, Release Agent, Filling Machines, and Gates.

Visit our web site at <https://www.harcosupply.com/lubricants/>

COLOUR CODED BRUSHES, MATERIAL HANDLING AND JANITORIAL PRODUCTS

TOTAL COLOUR CODED BRUSHES, HANDLES AND PAILS

Floater Hand Scrub Brush

CARLISLE

So lightweight they actually float. Non-absorbent block won't crack or chip. Bristles rinse easily for quick clean-up. These tough, durable and economical brushes are perfect for a multitude of cleaning chores.

8" Handle - 1 5/8" Brush

White	Red	Yellow	Blue	Tan	Green	Black
40541-02	40541-05	40541-04	40541-14	40541-25	40541-09	40541-03
Brown	Pink	Orange	Purple	Grey	Light Green	
40541-01	40541-26	40541-24	40541-68	40541-23	40541-75	

20" Handle - 1 5/8" Brush

White	Red	Yellow	Blue	Tan	Green	Black
40501-02	40501C-05	40501C-04	40501C-14	40501-25	40501C-09	40501-03
Brown	Pink	Orange	Purple	Grey	Light Green	
40501-01	40501-26	40501-24	40501-68	40501-23	40501-75	



Tank, Kettle & Equipment Brush

CARLISLE

All-around flared head design assures thorough cleaning action from any angle. Bristles are imbedded directly into the block, which reduces bacterial buildup. Never dents or scratches because the block can't touch the surface being cleaned. Standard Thread Handle sold separately.

5 1/2" W x 9" L

White	Red	Yellow	Blue	Green
40043-02	40043-05	40043-04	40043-14	40043-09
Tan	Black	Brown	Pink	Orange
40043-25	40043-03	40043-01	40043-26	40043-24
Purple	Grey	Light Green		
40043-68	40043-23	40043-75		

5 1/2" W x 7 1/2" L

White	Red	Yellow	Blue	Green
40041-02	40041-05	40041-04	40041-14	40041-09
Tan	Black	Brown	Pink	Orange
40041-25	40041-03	40041-01	40041-26	40041-24
Purple	Grey	Light Green		
40041-68	40041-23	40041-75		



Heavy-Duty Tank Brush

Vikan

The oval-shaped brush with stiff bristles is effective for scrubbing inside large industrial tanks and other large container-like equipment. The rounded edges work well to clean down the sides of equipment. It also fits well into large channel drains. Requires Vikan Euro-thread handle, sold separately. 1.5"L bristles.

Stiff Polyester Bristles - 5.5" W x 8" L

White	Red	Yellow	Blue	Green	Black
70375	70374	70376	70373	70372	70379
Pink	Orange	Purple	Grey	Brown	Lime
70371	70377	70378	703788	703766	703777



Hook CIP Brush

CARLISLE

Cleans the tops and sides of up to 4" diameter pipes with ease. Extra-heavy fill, medium polyester bristles are twisted in heavy-duty wire for thorough cleaning. 5" handle can be used as is, or screw in longer handle for overhead work. Standard Thread Handle sold separately.



Hook Brush

White	Red	Yellow	Blue	Green	Tan	Black	Brown	Pink	Orange	Purple	Grey	Light Green
41100-02	41100-05	41100-04	41100-14	41100-09	41100-25	41100-03	41100-01	41100-26	41100-24	41100-68	41100-23	41100-75

Single Blade Rubber Squeegee

CARLISLE

Prevent cross-contamination with this economical squeegee in HACCP-friendly colours. Sanitary, **solid one-piece** construction minimizes possible contamination areas and reduces the possibility for dirt to collect in the squeegee. Standard Thread Handle sold separately.



20" Blade

White	Red	Yellow	Blue	Green	Tan	Black
36567-02	36567-05	36567-04	36567-14	36567-09	36567-25	36567-03

24" Blade

White	Red	Yellow	Blue	Green	Black	Brown	Orange	Purple
36568-02	36568-05	36568-04	36568-14	36568-09	36568-03	36568-01	36568-24	36568-68

Single Blade Ultra Hygiene Squeegee

Autoclavable at temperatures up to 212°F/100°C.
Made from FDA-compliant materials.

The ultra-hygienic fully molded single-blade squeegee is ideal for use in areas requiring the highest level of hygiene. Improved design features smooth and rounded surfaces which provide better hygiene and easier cleaning. The elongated body reduces wear and tear on the ends of the flexible rubber blade to enhance durability and efficiency. A splash guard helps prevent liquid from splashing onto the dried surfaces. Requires Euro-thread handle, sold separately.

10" Blade - Bench Squeegee with 6.5" mini handle

White	Red	Yellow	Blue	Green	Pink	Orange	Purple
71255	71254	71256	71253	71252	71251	71257	71258

Vikan


16" Blade

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple	Grey	Brown	Lime
71405	71404	71406	71403	71402	71409	71401	71407	71408	714088	714066	714077

20" Blade

White	Red	Yellow	Blue	Green
71505	71504	71506	71503	71502

24" Blade

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple	Grey	Brown	Lime
71605	71604	71606	71603	71602	71609	71601	71607	71608	716088	716066	716077

28" Blade

White	Red	Yellow	Blue	Green
71705	71704	71706	71703	71702



Flo-Thru Truck & Wall Brush

CARLISLE

Ideal for use where lots of water is necessary on trucks, walls, or equipment. Structural foam block with wrap-around vinyl bumper and soft Nylex bristles prevents scratching. Use as a flo-thru or dip-style brush. One threaded flo-thru and one tapered handle hole. Standard Thread Handle sold separately.

9½"L - 2½" Bristle Trim

White	Red	Yellow	Blue	Tan	Green	Black
40050-02	40050-05	40050-04	40050-14	40050-25	40050-09	40050-03
Brown	Pink	Orange	Purple	Grey	Light Green	
40050-01	40050-26	40050-24	40050-68	40050-23	40050-75	



Hi - Lo Floor Scrub Brush

CARLISLE

Split shape cleans flat surfaces, under counters, around equipment and along baseboards. Maximum cleaning efficiency from at three different angles. Foam-injected block provides additional durability. Standard Thread Handle sold separately.

10"L - 1¼" Bristle Trim

White	Red	Yellow	Blue	Tan	Green	Black
40423-02	40423-05	40423-04	40423-14	40423-25	40423-09	40423-03
Brown	Pink	Orange	Purple	Grey	Light Green	
40423-01	40423-26	40423-24	40423-68	40423-23	40423-75	



Deck/Wall Scrub Brush

This floor scrubbing broom has a wide base and firm longer bristles that provide a deep clean that removes tough debris like stubborn food particles and sticky substances on all types of floor surfaces, epoxy coated, tiled, or cement and also around holes, or indentations in the floor. The easy movement and friction of the bristles means the user does not need to apply as much force to clean effectively. This 19" wide scrubbing broom is ideal for cleaning heavily soiled areas and covering a lot of ground in food production facilities such as meat processing plants, bakeries, canneries, and dairy plants. Requires Vikan Euro-thread handle, sold separately.

Stiff Polyester Bristles - 3" W x 11.75" L

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple	Grey	Brown	Lime
70605	70604	70606	70603	70602	70609	70601	70607	70608	706088	706066	706077



Stiff Polyester Bristles - 3" W x 19" L

White	Red	Yellow	Blue	Green
70625	70624	70626	70623	70622


Vikan
ADVANCED HYGIENIC CLEANING

High-Low Scrub Brush

The angled shape of this scrubbing brush/broom was designed to clean the area where the wall meets the floor. Also effective for cleaning floors yet gentle enough to use on equipment. 1.77"L polyester bristles. Requires Vikan Euro-thread handle, sold separately.

Medium Polyester Bristles - 5.91" W x 10.25" L

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple	Grey	Brown	Lime
70475	70474	70476	70473	70472	70479	70471	70477	70478	704788	704766	704777



Floor Scrub Broom

Our floor scrubs work on both wet or dry floors. Medium-stiff polypropylene bristles flare to cover large areas in a few fast strokes. Two threaded handle holes. Standard Thread Handle sold separately.

14" L x 2½" Bristle Trim

White	Red	Yellow	Blue	Green	Black	Brown	Orange	Purple
40431-02	40431-05	40431-04	40431-14	40431-09	40431-03	40431-01	40431-24	40431-68



Omni Sweep

Perfect for sweeping heavy to fine particles, this broom combines the features of a fine, medium, and heavy floor sweep. The short, heavy bristles in front sweep up the large debris, while the long, fine and medium bristles in back sweep the fine particles. Use any standard threaded handle sold separately.

18"L x 3" Bristle Trim

White	Red	Yellow	Blue
41890-02	41890-05	41890-04	41890-14
Green	Tan	Black	Brown
41890-09	41890-25	41890-03	41890-01
Pink	Orange	Purple	
41890-26	41890-24	41890-68	
Grey	Light Green		
41890-23	41890-75		

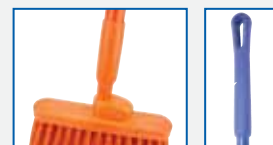
24"L x 3" Bristle Trim

White	Red	Yellow	Blue
41891-02	41891-05	41891-04	41891-14
Green	Tan	Black	Brown
41891-09	41891-25	41891-03	41891-01
Pink	Orange	Purple	
41891-26	41891-24	41891-68	
Grey	Light Green		
41891-23	41891-75		



Duo-Sweep® Angle Broom

Angle brush head is designed for general purpose sweeping, reaching into corners, along walls, or in hard-to-reach areas for fast, efficient cleaning. No hood/shroud to break or gather soil that leads to cross-contamination issues. **Flagged** for sweeping fine dust and debris. **Unflagged** for sweeping heavier debris or wet applications. 48" fiberglass handle included.



12" Flagged

White	Red	Yellow	Blue	Green	Tan	Black	Brown	Pink	Orange	Purple	Grey	Light Green
41082-02	41082-05	41082-04	41082-14	41082-09	41082-25	41082-03	41082-01	41082-26	41082-24	41082-68	41082-23	41082-75

12" Unflagged

White	Red	Yellow	Blue	Green	Tan	Black	Brown	Pink	Orange	Purple	Grey	Light Green
41083-02	41083-05	41083-04	41083-14	41083-09	41083-25	41083-03	41083-01	41083-26	41083-24	41083-68	41083-23	41083-75

Replacement 12" Flagged Heads

White	Red	Yellow	Blue	Green	Tan	Black	Brown	Pink	Orange	Purple	Grey	Light Green
36867-02	36867-05	36867-04	36867-14	36867-09	36867-25	36867-03	36867-01	36867-26	36867-24	36867-68	36867-23	36867-75

Replacement 12" Unflagged Heads

White	Red	Yellow	Blue	Green	Tan	Black	Brown	Pink	Orange	Purple	Grey	Light Green
36868-02	36868-05	36868-04	36868-14	36868-09	36868-25	36868-03	36868-01	36868-26	36868-24	36868-68	36868-23	36868-75

Handheld Dustpan

CARLISLE

These handheld dustpans come with a wide lip, sweeping up debris in one go. And ideal for countertop messes. FDA Approved, making them safe to use on food contact surfaces. Handle has a hang-up hole for easy storage.

13.78"L x 10"W x 2.17"H

White	Red	Yellow	Blue	Green	Tan	Black
361440-02	361440-05	361440-04	361440-14	361440-09	361440-25	361440-03
Brown	Pink	Orange	Purple	Grey	Light Green	
361440-01	361440-26	361440-24	361440-68	361440-23	361440-75	



Hygienic Dust Pan

Collect food debris and dust from floors and work surfaces with this ergonomically designed Dustpan. Ideal for food industry use, it features thick wall for strength, durability and ease of cleaning. Meets FDA requirements.

12½" L x 11½" W x 2" H

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple	Grey	Brown	Lime
56605	56604	56606	56603	56602	56609	56601	56607	56608	566088	566066	566077

Vikan.
ADVANCING HYGIENE CLEANING


Angle Cut Broom

The angled design of this broom makes it easy to reach into narrow spaces between equipment when sweeping debris before the scrubbing action starts. It is particularly used for collecting large particles of dirt like meat and vegetables in a moist environment. 4.5" x 6"L extra-stiff polyester bristles. 11"W block. Requires Euro-thread handle, sold separately.

Extra-Stiff Polyester Bristles

White	Red	Yellow	Blue	Green
29145	29144	29146	29143	29142
Black	Orange	Purple	Grey	Brown
29149	29147	29148	291488	291466

Vikan.
ADVANCING HYGIENE CLEANING


Split Bristle Angle Head Broom

The split bristle angle head broom is designed to handle fine particles like dust, flour, and powdered sugar. The soft/split bristles gently sweep away these powders without leaving residues. The broom head, made of FDA-compliant materials, comes in six colors, making it a great addition to any color-coded food safety or sanitation plan. Requires Euro-thread handle, sold separately.

Soft/Split Polyester Bristles

White	Red	Yellow	Blue	Green
29165	29164	29166	29163	29162
Black	Orange	Purple	Grey	Brown
29169	29167	29168	291688	291666

Vikan.
ADVANCING HYGIENE CLEANING


Dustpan Broom with Angled Thread

This lightweight broom sweeps dry and wet debris. The brush pattern is designed using 2 filament diameters. The filaments under the scraping edge are angled to facilitate sweeping close to walls and corners as well as under workbenches etc. Requires Euro-thread handle, sold separately.

9.8" Medium Polyester Bristles

White	Red	Yellow	Blue	Green	Black	Orange	Grey
31035	31034	31036	31033	31032	31039	31037	310388

Vikan.
ADVANCING HYGIENE CLEANING


Combo Push/Floor Broom

This fully color-coded floor broom has two types of bristles to first help loosen stubborn dirt and move heavy debris, and then gather the finer particles. It is suitable for all areas in kitchens and restaurants. Suitable for both wet and dry sweeping. Requires Vikan Euro-thread handle, sold separately.

16.5" - Soft-Stiff Polyester Bristles

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple	Grey	Brown	Lime
31745	31744	31746	31743	31742	31749	31741	31747	31748	317488	317466	317477

24" - Soft-Stiff Polyester Bristles

White	Red	Yellow	Blue	Green	Black
31945	31944	31946	31943	31942	31949



Small Particle Push/Floor Broom

This fully colour-coded soft-bristled floor broom is suitable for dry environments, and ideal for sweeping dry, fine particles such as flour and starch as well as other dry powders. 2" L polyester bristles. Requires Vikan Euro-thread handle, sold separately.

16" - Fine Particle - Soft-Split Polyester Bristles

White	Red	Yellow	Blue	Green
31785	31784	31786	31783	31782

16" - Small Particle - Soft Polyester Bristles

White	Red	Yellow	Blue	Green	Pink	Orange	Purple
31795	31794	31796	31793	31792	31791	31797	31798

24" - Small Particle - Soft Polyester Bristles

White	Red	Yellow	Blue	Green	Black	Orange	Purple
31995	31994	31996	31993	31992	31999	31997	31998



Heavy-Duty Push Broom (Small and Large Particles)

This Heavy-Duty Push Broom has a heavier broom head to better maintain floor contact during sweeping. And has **densely packed stiff and soft bristles** for efficient sweeping of fine and large debris. Angled cut bristles prevent skipping during long pushes, while flared bristles reach into corners and wall junctions for a more thorough cleaning. Requires Vikan Euro-thread handle, sold separately.

16.5" - Soft-Stiff Polyester Bristles

White	Red	Yellow	Blue	Green	Black
31755	31754	31756	31753	31752	31759

24" - Soft-Stiff Polyester Bristles

White	Red	Yellow	Blue	Green	Black	Orange	Purple	Grey	Brown
31955	31954	31956	31953	31952	31959	31957	31958	319588	319566



Push Floor Broom

This heavy duty broom has long, thick bristles, which makes it ideal for sweeping heavy debris. This brush works best over large areas and is also suitable for use in wet and external areas. Requires Vikan Euro-thread handle, sold separately.

13" - Extra-Stiff Polyester Bristles

White	Red	Yellow	Blue	Green	Black
29155	29154	29156	29153	29152	29159

20" - Extra-Stiff Polyester Bristles

White	Red	Yellow	Blue	Green
29205	29204	29206	29203	29202



Standard Thread Fiberglass Handles

CARLISLE

Compliment your colour-coded program with these popular fiberglass handles. Easy to clean and durable. Handles are 1" in diameter. Self-Locking Flex-Tip™ Handles offer greater flexibility and reduces handle stress.

48" Threaded Fiberglass Handle with Self-Locking Flex-Tip

White	Red	Yellow	Blue	Tan	Green	Black	Brown	Pink	Orange	Purple	Grey	Light Green
41225-02	41225-05	41225-04	41225-14	41225-25	41225-09	41225-03	41225-01	41225-26	41225-24	41225-68	41225-23	41225-75

60" Threaded Fiberglass Handle with Self-Locking Flex-Tip

White	Red	Yellow	Blue	Tan	Green	Black	Brown	Pink	Orange	Purple	Grey	Light Green
40225-02	40225-05	40225-04	40225-14	40225-25	40225-09	40225-03	40225-01	40225-26	40225-24	40225-68	40225-23	40225-75

60" Threaded/Tapered Fiberglass Handle

White	Red	Yellow	Blue	Green	Black	Brown
40220-02	40220-05	40220-04	40220-14	40220-09	40220-03	40220-01

54" - 8' Telescoping Fiberglass Handle

White
41020-02



Ultra Hygiene Polypropylene Euro-Thread Handles

Food-grade polypropylene Euro-thread handle with a hygienic design, minimizes the risk of cross-contamination and makes it easy to clean and maintain. Ergonomically designed grip has been optimized to be comfortable during use. Chemically resistant polypropylene ensures that it can be safely used in a variety of environments. Use with any REMCO / Vikan squeegee, brush, broom, scrub, scraper or other products.

Vikan
ADVANCING HYGIENIC CLEANING

26" Polypropylene Handle

White	Red	Yellow	Blue	Green
29665	29664	29666	29663	29662

40" Polypropylene Handle

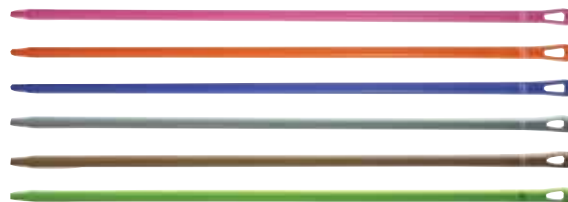
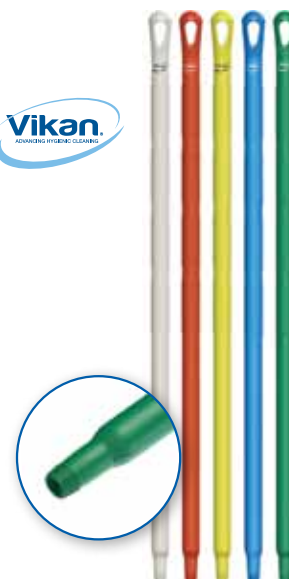
White	Red	Yellow	Blue	Green
29685	29684	29686	29683	29682

51" Polypropylene Handle

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple
29605	29604	29606	29603	29602	29609	29601	29607	29608

59" Polypropylene Handle

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple	Grey	Brown	Lime
29625	29624	29626	29623	29622	29629	29621	29627	29628	296288	296266	296277



FOR MORE COLOUR CODED PRODUCTS, VISIT OUR WEBSITE AT <https://www.harcosupply.com/color-coded-brushes-products/>

Sparta® Spectrum® Quik-Release™ Fiberglass Wet Mop Handle

Quick-release model minimizes contamination, never having to touch the dirty mop head again. Colour-coded handles are all fiberglass and plastic construction, an ideal choice for your HACCP program and will not rust. Use with 1" headband mops only.

60" L x 1" Diameter

White	Red	Yellow	Blue	Green	Black	Grey	Brown	Orange	Purple
41664-02	41664-05	41664-04	41664-14	41664-09	41664-03	H146GY00	41664-01	41664-24	41664-68



SPARTA

Sparta® Fiberglass Jaw Style Wet Mop Handle

Durable and easy to use jaw-style mop gripper holds wet mops securely in place for effective cleaning. Full colour handle featuring a swivel hang-up cap for easy storing and plastic head. Use with 5" wide band mops only (sold separately).

60" L x 1" Diameter

White	Red	Yellow	Blue	Green	Black	Grey	Orange	Purple
369475-02	369475-05	369475-04	369475-14	369475-09	369475-03	H246GY00	369475-24	369475-68



Synthetic Blend Cut-End Mop

Colour-coded synthetic mops are the right choice for abrasive floor surfaces such as quarry tile, yet work well for general purpose mopping. These blended mops will absorb 4 - 5 times their weight. Colours resist greying for like-new appearance.

1" Head - 24 oz. (Large)

White	Red	Yellow	Blue	Green	Orange
6251810	6251815	6251820	6251825	6251830	6251835

5" Head - 24 oz. (Large)

White	Red	Yellow	Blue	Green	Orange
6252810	6252815	6252820	6252825	6252830	6252835



Mop Bucket and Wringer

Colour-Coded for specialized cleaning - WaveBrake® Side Press and Down Press Combos are colour-coded for easy separation of cleaning by room or area to reduce cross-contamination.

35 Quart - Side Pressure - 20.31"L x 16.44"W x 21.63"H

Red	Yellow	Blue	Black	Brown
4402370	4402373	4402374	4402363	4402372

35 Quart - Down Pressure - 20.31"L x 16.44"W x 21.63"H

Red	Yellow	Blue	Black	Brown
4402433	4402396	4402431	4402453	4402432



FOR MORE COLOUR CODED PRODUCTS, VISIT OUR WEBSITE AT <https://www.harcosupply.com/color-coded-brushes-products/>

Plastic Scoop

Remco
A VIKAN COMPANY

These low-cost scoops are versatile and long-lasting. Tough, one-piece injection molded resilient polypropylene construction and meets FDA requirements. Material won't rust or corrode and can be sterilized. Convenient hook for hanging. 82 oz. Scoop features a closed ribbed handle for better grip.

16 oz. Scoop - 3.5" W x 10.25" L x 2.25" D

White	Red	Yellow	Blue	Green	Pink	Orange	Purple	Grey	Brown	Lime
63005	63004	63006	63003	63002	63001	63007	63008	630088	630066	630077

32 oz. Scoop - 5" W x 11.5" L x 2.75" D

White	Red	Yellow	Blue	Tan	Green	Pink	Orange	Purple	Grey	Brown	Lime
64005	64004	64006	64003	6400-TAN	64002	64001	64007	64008	640088	640066	640077

82 oz. Scoop - 6.5" W x 15" L x 3.5" D

White	Red	Yellow	Blue	Tan	Green
65005	65004	65006	65003	6500-TAN	65002
Pink	Orange	Purple	Grey	Brown	Lime
65001	65007	65008	650088	650066	650077



Mega Scoop

Remco
A VIKAN COMPANY

This mega scoop/dipper is great for handling bulk materials and extremely durable. It has no seams or cracks to help prevent bacterial growth. Measure in liters, UK gallons, and US gallons. The dipper (6552) combines with any of our handles due to its hygienic Euro thread. Ideal for material handling when reach is needed. Meet FDA requirements.

128 oz. Scoop - 12" W x 8" D x 7" H

White	Red	Yellow	Blue	Tan	Green	Orange
65505	65504	65506	65503	6550-TAN	65502	65507

128 oz. Dipper - 12" W x 8" D x 7" H with Euro thread

White	Red	Yellow	Blue	Green	Orange
65525	65524	65526	65523	65522	65527



Round Bowl Scoop

Ergonomically designed round bowl scoops are lightweight, durable and designed with dual pouring spouts. Its one piece construction and the smooth surface makes it extremely easy to clean. Ideal for use in food production areas for moving food ingredients, liquids etc. There is a measuring scale inside the scoop and grip has an integrated hook for hanging on container edges.

32 oz. Round Scoop - 12" L x 6.75" W x 5.25" H

White	Red	Yellow	Blue	Green	Pink	Orange	Purple
56815	56814	56816	56813	56812	56811	56817	56818

64 oz. Round Scoop - 13" L x 8.25" W x 6" H

White	Red	Yellow	Blue	Green
56825	56824	56826	56823	56822



Measuring Jug

Measure in milliliters or ounces when filling and pouring ingredients from this cleverly designed pitcher. An elongated spout and optimized handle ensure easy, precise pouring, while the wide bottom ensures stability and hygienic cleaning. Accurately measures 2000 millilitres, 65 US fluid ounces, and 70 UK fluid ounces.

2 Liter - 12" L x 6.75" W x 5.25" H

White	Red	Yellow	Blue	Green
60005	60004	60006	60003	60002



SHOVELS

Composed solely of FDA-compliant polypropylene, our shovels are hygienic and durable. They also have the added benefits of being total color, fully molded, and non-sparking, making them a top choice in the food industry. These tools are a cost-effective alternative to stainless steel and are ergonomically designed to reduce stress on the user's back. Durable and lightweight, plastic tools won't damage equipment like metal tools can.

Plastic Shovel

Remco

Sturdy, one-piece shovel is constructed of rigid yet lightweight polypropylene. Perfect for hauling hefty loads. Smooth finish for easy clean-up. Deep bucket for extra capacity and an edged blade for easy scooping. Chemical and corrosion resistant. White, red, yellow, blue and green meet FDA and USDA requirements for food handling. Use black for non-food products.

Small Blade - 10" W x 14" H x 38" OAL

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple	Grey	Brown	Lime
69815	69814	69816	69813	69812	69819	69811	69817	69818	698188	698166	698177

Large Blade - 14" W x 17" H x 42" OAL

White	Red	Yellow	Blue	Green	Black	Pink	Orange	Purple	Grey	Brown	Lime
69825	69824	69826	69823	69822	69829	69821	69827	69828	698288	698266	698277



Sanitary Shovel

CARLISLE

Heavy-duty sanitary shovel with ergonomic handle supports heavy loads. One-piece plastic construction prevents rust and sparks, and cleans up easily. Provides the ultimate in scooping large amounts of ice, food, chemicals, and ingredients quickly.

10"W x 14"H x 36"OAL

White	Red	Yellow	Blue	Green	Tan	Black
41076-02	41076-05	41076-04	41076-14	41076-09	41076-25	41076-03
Brown	Pink	Orange	Purple	Grey	Light Green	
41076-01	41076-26	41076-24	41076-68	41076-23	41076-75	

14"W x 16.5"H x 42"OAL

White	Red	Yellow	Blue	Green	Black	Orange	Purple
41077-02	41077-05	41077-04	41077-14	41077-09	41077-03	41077-24	41077-68



Ergonomic Shovel

This robust ergonomic shovel is designed for use in direct contact with food. It is stepped in two places which helps to prevent back injuries. The neck joint has been strengthened in order to withstand heavy duty use. This hygienically designed shovel is easy to clean and ideally suited for moving large amounts of food product.

Small Blade - 10.7" W x 8.1" H x 50" OAL

White	Red	Yellow	Blue	Green
56115	56114	56116	56113	56112



Large Blade - 13.5" W x 9.8" H x 51.2" OAL

White	Red	Yellow	Blue	Green	Black	Orange	Purple
56015	56014	56016	56013	56012	56019	56017	56018



Flat-Sided Pail

Made from FDA-compliant materials, this flat-sided pail can be used for a number of applications. Inner measuring scale is in gallons and liters, drip-free spout, hand grip that is raised from the base and sturdy handle is made of stainless steel. The lids easily snap on for a tight secure fit to protect the measured contents. Stainless steel mounting bracket also available - accommodates either sized pail. Pails, lids, and brackets sold separately. Temperature rating of 5° to 250°F.



Small - 1.5 Gallon Pails - 10.5"dia. x 10.04"H

White	Red	Yellow	Blue	Green	Black
56885	56884	56886	56883	56882	56889
Pink	Orange	Purple	Grey	Brown	Lime
56881	56887	56888	56888	56886	56887

Small Lid - 11.69"dia.

White	Red	Yellow	Blue	Green	Black
56895	56894	56896	56893	56892	56899
Pink	Orange	Purple	Grey	Brown	Lime
56891	56897	56898	56898	56896	56897

Medium - 3 Gallon Pails - 12.8"dia. x 13.38"H

White	Red	Yellow	Blue	Green	Black
56865	56864	56866	56863	56862	56869
Pink	Orange	Purple	Grey	Brown	Lime
56861	56867	56868	56868	56866	56867

Medium Lid - 13.3"dia.

White	Red	Yellow	Blue	Green	Black
56875	56874	56876	56873	56872	56879
Pink	Orange	Purple	Grey	Brown	Lime
56871	56877	56878	56878	56876	56877

Large - 5 Gallon Pails - 15.4"L x 18.9"W x 18.9"H

White	Red	Yellow	Blue	Green
56925	56924	56926	56923	56922

Large Lid - 19.9"L x 14.6"W x 1.4"H

White	Red	Yellow	Blue	Green
56935	56934	56936	56933	56932



***Mounting Bracket for
Both 1.5 and 3 gallon
Pails and Lids
#16200 (Bracket)**



5 Gallon Plastic Pail

Avoid contamination by matching pail colour to a particular job or zone in your plant. These strong, lightweight pails have a steel bail with heavy-duty plastic handle. HDPE material meets FDA specifications. Pails and lids sold separately.

5 Gal. Pail

White	Red	Yellow	Blue	Green
532-2005	532-2010	532-2015	532-2030	532-2025
Black	Grey	Brown	Orange	Purple
532-2020	532-2035	532-6001	532-7005	532-6045

Lid

White	Red	Yellow	Blue	Green
532-2105	532-2110	532-2115	532-7000	532-2125
Black	Grey	Brown	Orange	Purple
532-2120	532-7003	532-6011	532-6041	532-6145



Round Brute Container and Lid

This container is built with its trademark durability and toughness, the BRUTE Container's newest innovations improve productivity and ease-of-use. Venting channels and integrated cinches help you finish the job faster with a lot less effort. These rugged all-purpose containers are built for tough food plant conditions, for food products or waste. Made of USDA-accepted materials, comply with FDA regulations, and are NSF #2 & 21 compliant. Seamless construction helps make cleaning easier. Add a dolly to convert Brutes to mobile bins.

10 Gal. - 15⁵/₈" D x 17¹/₈" H

White	Red	Yellow	Blue	Green	Black	Grey
2610WHT	2610RED	2610YEL	2610BLU	2610GRN	2610BLA	2610GRY

20 Gal. - 19¹/₂" D x 22⁷/₈" H

White	Red	Yellow	Blue	Green	Black	Grey
2620WHT	2620RED	2620YEL	2620BLU	2620GRN	2620BLA	2620GRY

32 Gal. - 22" D x 27¹/₄" H

White	Red	Yellow	Blue	Green	Black	Grey	Orange
2632WHT	2632RED	2632YEL	2632BLU	2632GRN	2632BLA	2632GRY	2632ORG

44 Gal. - 24" D x 31¹/₂" H

White	Red	Yellow	Blue	Green	Black	Grey	Orange
2643WHT	2643RED	2643YEL	2643BLU	2643GRN	2643BLA	2643GRY	2643ORG

55 Gal. - 26¹/₂" D x 33" H

White	Red	Yellow	Blue	Green	Black	Grey
2655WHT	2655RED	2655YEL	2655BLU	2655GRN	2655BLA	2655GRY

10 Gallon Flat Lid - 16" D x 1" H

White	Red	Yellow	Blue	Green	Black	Grey
2609WHT	2609RED	2609YEL	2609BLU	2609GRN	2609BLA	2609GRY

20 Gallon Self-Draining Lid - 19³/₄" D x 1¹/₄" H

White	Red	Yellow	Blue	Green	Black	Grey
2619WHT	2619RED	2619YEL	2619BLU	2619GRN	2619BLA	2619GRY

32 Gallon Self-Draining Lid - 22¹/₄" D x 1³/₈" H

White	Red	Yellow	Blue	Green	Black	Grey	Orange
2631WHT	2631RED	2631YEL	2631BLU	2631GRN	2631BLA	2631GRY	2631ORG

44 Gallon Self Draining Lid - 24.2" D x 1.5" H

White	Red	Yellow	Blue	Green	Black	Grey	Orange
2645-60WHT	2645-60RED	2645-60YEL	2645-60BLU	2645-60GRN	2645-60BLA	2645-60GRY	2645-60ORG

55 Gallon Flat Lid - 26³/₄" D x 2" H

White	Red	Yellow	Blue	Green	Black	Grey
2654WHT	2654RED	2654YEL	2654BLU	2654GRN	2654BLA	2654GRY

32 Gallon Dome Top Lid - 22¹/₄" D x 1³/₈" H

White	Red	Black	Grey
N/A	2637-88RED	N/A	2637-88GRY

44 Gallon Dome Top Lid - 24¹³/₁₆" D x 12⁵/₈" H

White	Red	Black	Grey
N/A	2647-88RED	N/A	2647-88GRY

55 Gallon Dome Top Lid - 27¹/₄" D x 14¹/₂" H

White	Red	Black	Grey
N/A	2657-88RED	N/A	2657-88GRY



Rubbermaid®

COMMERCIAL-GRADE
CONSTRUCTION

Proprietary design plus a
UV inhibitor ensures long
life. Guaranteed to never
fade, warp, crack, or crush.



Round Twist-On Dolly

FIVE RUGGED CASTERS - Help keep fully loaded BRUTES stable, even on rough and uneven floors, and swivel smoothly for easy maneuvering. **STRUCTURAL FOAM CONSTRUCTION** - Provides superior strength and durability, with a 250-pound load capacity. **NON-MARKING CASTERS** - Help protect floors, keeping public areas looking their best. **BLACK ONLY. NSF approved for food contact.**



Tapered Plastic Dust Cap

Colour-Coded for easy identification and meeting colour-coded requirements. Extremely economical way to keep insects, dirt and moisture out of the lines when they are not in use. These tapered plastic dust caps fit over clamp, bevel seat and weld fittings, but not over hex nuts. Sold 25/pack.

1.5" dia.

White	Red	Yellow	Blue
014-1615	014-1315	014-1715	014-1115

2" dia.

White	Red	Yellow	Blue
014-1620	014-1320	014-1720	014-1120

2.5" dia.

White	Red	Yellow	Blue
014-1625	014-1325	014-1725	014-1125

3" dia.

White	Red	Yellow	Blue
014-1630	014-1330	014-1730	014-1130

4" dia.

Blue
014-1140



Stretch Vinyl Dust Cap

Keep contaminants out of the line with these stretch vinyl dust caps. Fit clamp and bevel fittings. 25/pack.

1.5" dia.

White	Red	Yellow	Blue
014-1515	014-1415	014-1215	014-1815

2" dia.

White	Red	Yellow	Blue
014-1520	014-1420	014-1220	014-1820

2.5" dia.

White	Red	Yellow	Blue
014-1525	014-1425	014-1225	014-1825

3" dia.

White	Red	Yellow	Blue
014-1530	014-1430	014-1230	014-1830

4" dia.

White	Red	Yellow	Blue
014-1540	014-1440	014-1240	014-1840



Coloured Female & Male Caps

Seal open ends with inexpensive, but tough plastic cap nuts. Shut out contamination, dust, insects, mold, and odors on pipelines, pumps, or tanker equipment. Tightens drip-proof by hand. Renewable O-ring. Standard dairy threads. Stronger than ever! **Available with or without chain to attach to pipeline.** Also available in red and white.

Female Closure w/o chain

1.5" dia.

Black
1500-29

2" dia.

Black
2000-29

Male Closure w/o chain

1.5" dia.

Black
1500-28

2" dia.

Black
2000-28

2.5" dia.

Black
2500-29

3" dia.

Black
3000-29

2.5" dia.

Black
2500-28

3" dia.

Black
3000-28

Female Closure with chain

1.5" dia.

Black
1500-29C

2" dia.

Black
2000-29C

Male Closure with chain

1.5" dia.

Black
1500-28C

2" dia.

Black
2000-28C

2.5" dia.

Black
2500-29C

3" dia.

Black
3000-29C

2.5" dia.

Black
2500-28C

3" dia.

Black
3000-28C

COLORED FEMALE CAPS



COLORED MALE CAPS



OUR CAPABILITIES



Harco is a Peterborough-based company that is a leader in the supply, design, fabrication and repairs of sanitary components and stainless steel equipment for the pharmaceutical, food, dairy, brewery, and beverage processing industries.

We are proud to provide quality service and support to customers throughout North America since 1964. Offering high quality brands and materials, our custom work is of the highest quality and we ensure it is upheld from start to finish.

Harco offers a full range of sanitary stainless steel processing equipment, from pumps and valves, mixers and blenders to homogenizers and separators and custom fabrications. We back what we sell by offering extensive parts, repairs and customer support.

We're committed to creating forward-thinking solutions that drive your bottom line and keep your business top of mind.

**Visit our website for more information at
<https://www.harcosupply.com/capabilities/>**





Product Line Card

Supply House to the Processing Industries Since 1964

Harco partners with leading manufacturers in the industry to bring you an innovative range of sanitary and hygienic processing equipment and supplies. With experience in design, manufacturing and support, our partners are selected for their quality, reliability, and advanced products.

