

# PLASTIC PELLET RESIN CAR

Hopper Car product offering catalog.







# Committed to Innovation

Salco Products will endeavor to continually enhance an environment of trust and confidence among customers, vendors, and employees through a commitment to innovation, quality products and services, and proficient response to the needs of the industries we serve.

## WHAT WE DO

Founded in 1983, Salco Products was born from the idea of replacing theft prone metal outlet caps with ones made from plastic at a quarter of the cost. From these humble beginnings, Salco went on to become an innovator in the railcar industry by developing the first vented hatch cover for plastic resin shippers.

Over time, Salco Products extended its offering to the freight transportation industry. From components for tank cars, hopper cars, tank trucks and plant process, to specialized technical consulting services, Salco truly is a single source for innovative solutions.

Today, Salco is proud to be a dependable products and service provider to its varied customer base that globally operates at chemical plant sites, freight car manufacturers, and the rail repair network.



### Corporate Headquarters

1385 101st Street, Suite A. Lemont, IL 60439  
**(630) 783-2570**



### Sales, Distribution, Gate-Repair Services

11747 Windfern Road, Suite 500. Houston, TX 77064  
**(281) 351-0274**

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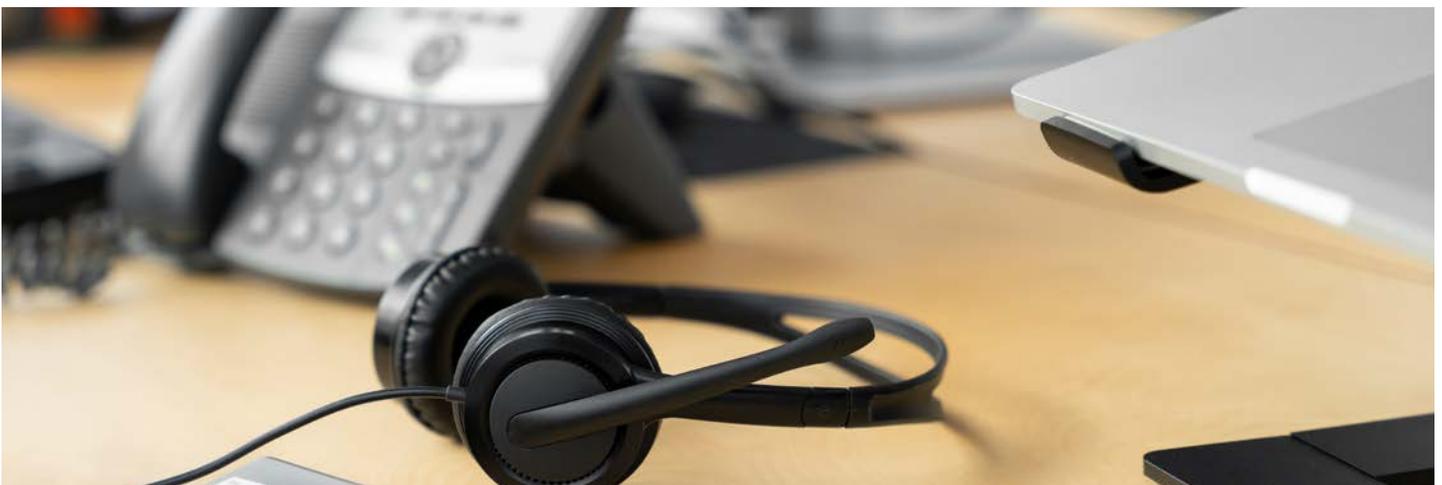
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### Questions? Let Our Customer Support Help

Quality Customer Service is a core value that is embraced by every employee at Salco Products from the top-down. From product design to product destination, and every stage in between, each decision is made with customer satisfaction in mind.

**(630) 685-4661** (English) • **(630) 383-0835** (En Español) • **001-630-383-0835** (Desde dentro de Mexico)



# Hatch Covers

Salco Products holds 95% of the round Hatch Cover business in the industry, as well as a comprehensive knowledge base of existing fleet and new car application requirements. With over a million covers in service, the Salco Products Hatch Cover has a proven record of performance.



# Non-Vented Hatch Covers



TOP OF CAR

Hatch Covers 08

Salco's Non-Vented Hatch Covers provide maximum protection for your product with its superior seal, high impact design, and UV stabilized material.

## CUSTOMER BENEFITS

- Lightweight ABS
- Seamless and glueless gasket
- Superior seal
- Lockable hardware
- Conversion arrangements available

## PROVEN RECORD OF PERFORMANCE

Significantly lighter than steel and fiberglass hatch covers at only 22lbs. UV stabilized material is effective in all climates and weather conditions. With millions of our covers in service, the material quality and flawless design speak for itself.

With conversion arrangements available for every major car manufacturer, Salco can meet all of your circular hatch cover needs.



**20" Cover**

Part Number: RSAHC20ATB

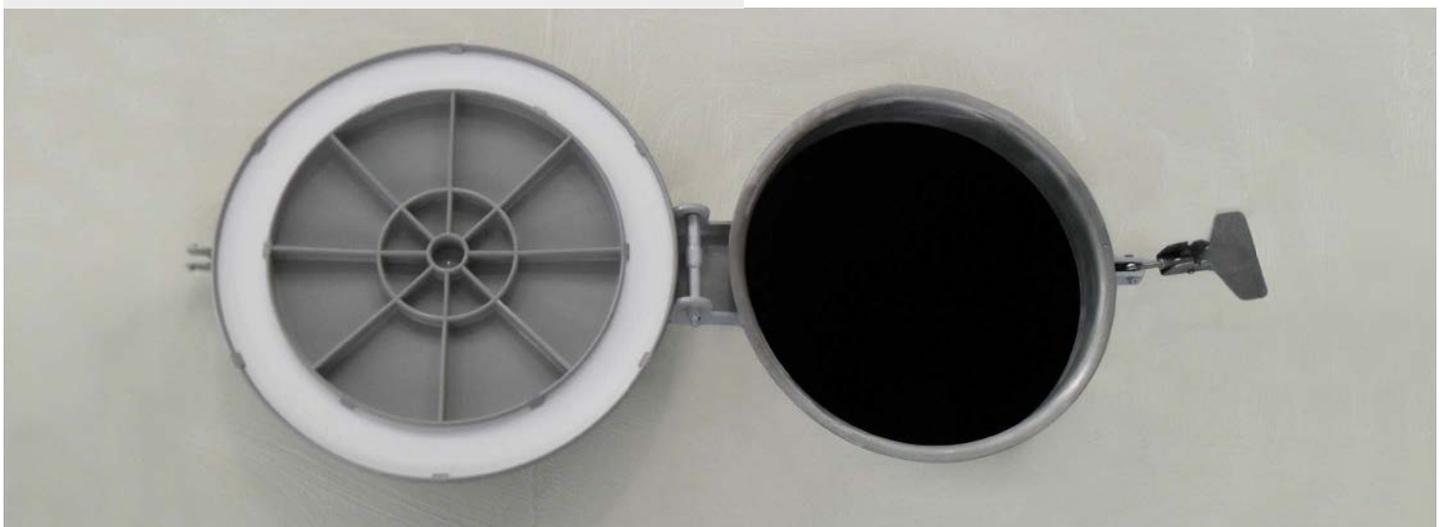


**30" Cover**

Part Number: PHC3007PRE



Part numbers referenced are for images shown  
**See following pages for additional configurations.**



# 20-Inch Non-Vented Hatch Covers



TOP OF CAR

## ACF CARS

Part #: **RSAHC20ATB**

## TRINITY CARS

Part #: **RSAHC20TRB**

## NATIONAL STEEL CARS

Part #: **RSAHC20NSCB**

## PULLMAN CARS

Part #: **RSAHC20PMB** Monowheel

Part #: **RSAHC20PSB** Surlatch I/II

Part #: **RSAHC20PS3B** Surlatch III

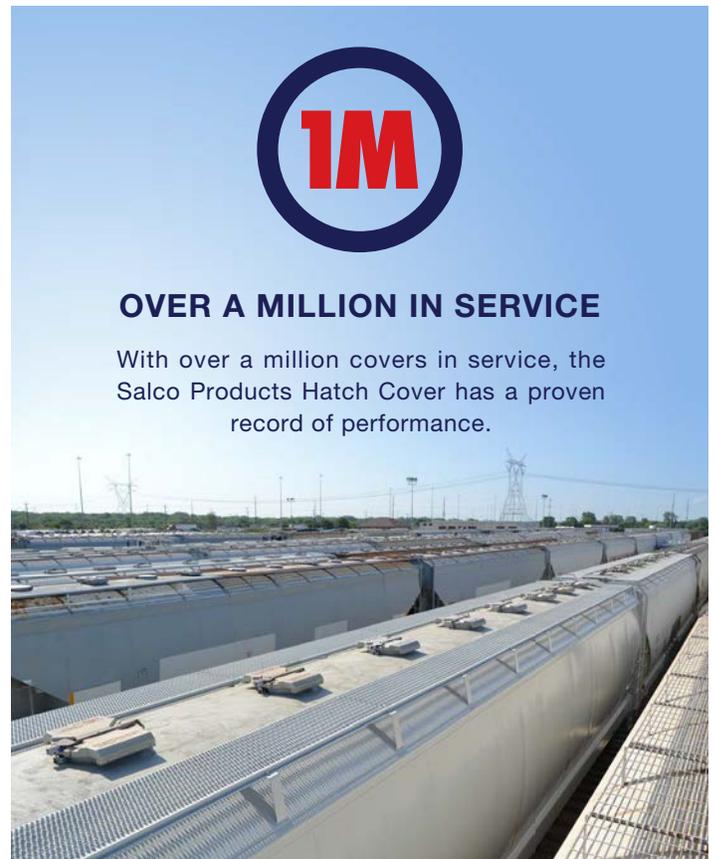
Part #: **RSAHC20PTB** Tri-Wheel

## THRALL / UNION TANK CARS

Part #: **RSAHC20UTB** For cars built before January 1993

Part #: **RSAHC20THB** For cars built January 1993 through September 1995

Part #: **RSAHC20TH95B** For cars built October 1995 to the present



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Hatch Covers

## YOU MAY ALSO NEED:

**HCR20SS** Stainless Steel Hatch Cover Ring

**HCR20SSNV** Stainless Steel Hatch Cover Ring No Vent

**UHBK202** Universal Hatch Cover Bracket Kit

**PHBK202** Universal Hatch Cover Bracket Kit - Procor



Specialty hardware arrangements available. For additional ring information **See Page 15** ▶

# 30-Inch Non-Vented Hatch Covers



## TOP OF CAR

### ACF CARS

PHC3007PRE For cars built before 1980

PHC3007PST For cars built after 1980

### TRINITY CARS

PHC3007TR

### PULLMAN CARS

PHC3007PUL

#### YOU MAY ALSO NEED:

HCR30A Carbon Steel Hatch Cover Ring

HCR30SSA Stainless Steel Hatch Cover Ring

HC30KIT1 Hatch Cover Bracket Kit



Specialty hardware arrangements available.  
To determine the most accurate fit-up  
**See Page 16** ▶

# Vented Hatch Covers



TOP OF CAR

The concept of dual vent hoods to promote the safest and most efficient venting of a railcar has been the cornerstone of the vented hatch cover since its initial design in 1988.

## CUSTOMER BENEFITS

- Lightweight HDPE
- Seamless and glueless gasket
- Superior seal
- Saves time, labor, and reduces accidents
- Conversion arrangements available
- Eliminates roof implosions

## PROVEN RECORD OF PERFORMANCE

As the original designer behind the most risk-free way to vent a hopper car, Salco takes pride in its vented hatch cover. With millions of our covers in service over the past 20 years, the material quality and flawless design speak for itself.

Wind-Tunnel tests conducted by The University of Toledo prove Salco covers keep out contaminants. Full testing info can be found at [salcoproducts.com/hatchcover](http://salcoproducts.com/hatchcover)



**20" Cover**  
Part Number: VHCS98ATEB



**30" Cover**  
Part Number: VPHC3007PRE



Part numbers referenced are for images shown  
**See following pages for additional configurations.**



# 20-Inch Vented Hatch Covers



## TOP OF CAR

### ACF CARS

VHCS98ATB

### TRINITY CARS

VHCS98TRB

### NATIONAL STEEL CARS

VHCS98NSCB

### PULLMAN CARS

VHCS98PMB Monowheel

VHCS98PSB Surlatch I/II

VHCS98PS3B Surlatch III

VHCS98PTB Tri-Wheel

### THRALL / UNION TANK CARS

VHCS98UTB For cars built before January 1993

VHCS98THB For cars built January 1993 through September 1995

VHCS98TH95B For cars built October 1995 to the present



## FITS ALL OEM ARRANGEMENTS

Multiple arm, hinge, and latch combinations allow our covers to be applied to any OEM and shipper designs.



## YOU MAY ALSO NEED:

HCR20SS Stainless Steel Hatch Cover Ring

HCR20SSNV Stainless Steel Hatch Cover Ring No Vent

UHBK202 Universal Hatch Cover Bracket Kit

PHBK202 Universal Hatch Cover Bracket Kit - Procor



Specialty hardware arrangements available. For additional ring information See Page 15 ▶

# 30-Inch Vented Hatch Covers



## TOP OF CAR

### ACF CARS

VPHC3007PRE For cars built before 1980

VPHC3007PST For cars built after 1980

### TRINITY CARS

VPHC3007TR

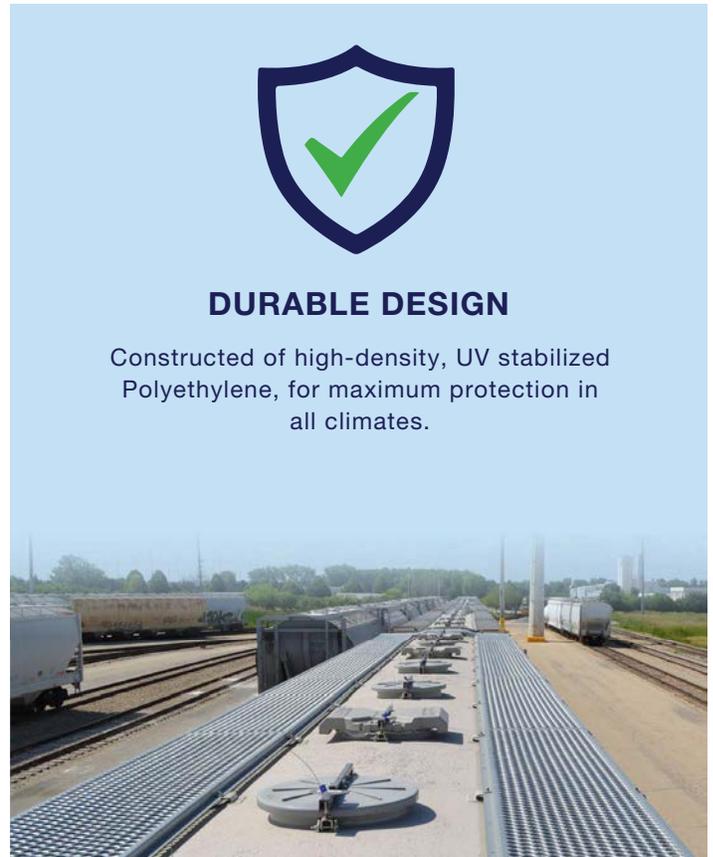
### PULLMAN CARS

VPHC3007PUL



### DURABLE DESIGN

Constructed of high-density, UV stabilized Polyethylene, for maximum protection in all climates.



### YOU MAY ALSO NEED:

HCR30A Carbon Steel Hatch Cover Ring

HCR30SSA Stainless Steel Hatch Cover Ring

HC30KIT1 Hatch Cover Bracket Kit



Specialty hardware arrangements available. To determine the most accurate fit-up **See Page 16** ▶

# Arm and Latch



TOP OF CAR

## 20" ARM & LATCH ASSEMBLIES

Description	Arm Part #	Latch Part #
ACF Covers	ATH20SCAB	LAL20AS
NSC Covers	ATH20SCAB	LAL20NSC
Pullman (Monowheel) Covers	P20SCAW	LAL20PM
Pullman (Surlatch I/II) Covers	P20SCAW	LAL203PS
Pullman (Surlatch III) Covers	P203SCAW	LAL203PS
Pullman (Tri-wheel) Covers	P20SCAW	LAL203PT
Trinity Covers	T20SCAB	LAL20TRA
Union Tank Covers (built before '93)	UT20SCAW	LAL20UT
Union Tank Covers ('93 through Sep '95)	UT20SCAW	LAL20TH
Union Tank Covers ('95 to present)	ATH20SCAB	LAL20TH95



## 30" ARM & LATCH ASSEMBLIES

Description	Arm Part #	Latch Part #
ACF Covers (built before '80)	AE3007PREA	N/A
ACF Covers (built after '80)	AE3007PSTA	N/A
Pullman Covers	AE3007PULA	N/A
Trinity Covers	AE3007TRA	N/A
Ireco Latch (Carbon Steel)	N/A	LIR30149
Ireco Latch (Stainless Steel)	N/A	LIR30149-SS



# 20-Inch Hatch Cover Ring

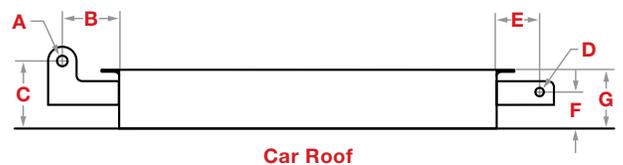
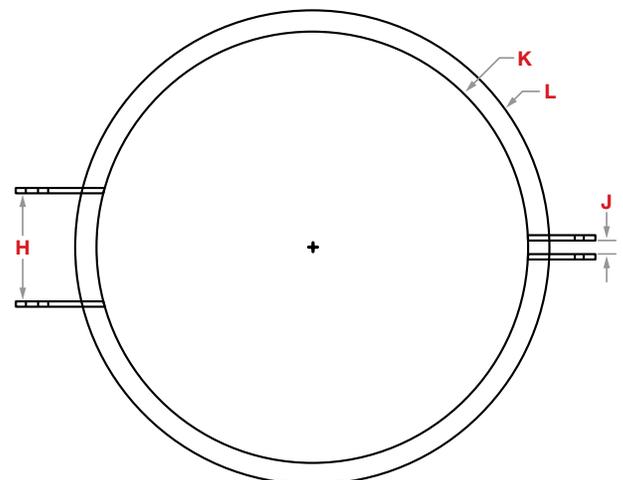


TOP OF CAR

When choosing which hatch cover to use with your fleet, start by inspecting the ring the cover will be mounted upon. Below are the most critical ring dimensions used when determining the appropriate hatch cover.

## DIMENSIONS & DESCRIPTIONS

Dimension	Description
A	Hinge end hole diameter
B	Inside of ring to center of hinge hole
C	Car roof to center of hinge hole
D	Latch end hole diameter
E	Inside of ring to center of latch hole
F	Car roof to center of latch hole
G	Car roof to top of ring
H	Hinge tab spacing
J	Latch tab spacing
K	Ring ID
L	Outside diameter of coaming



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Hatch Covers



Digital custom part request forms can be found on the Salco website at:

[www.salcoproducts.com/hatchcoverrings](http://www.salcoproducts.com/hatchcoverrings) ►

# 30-Inch Hatch Cover Ring

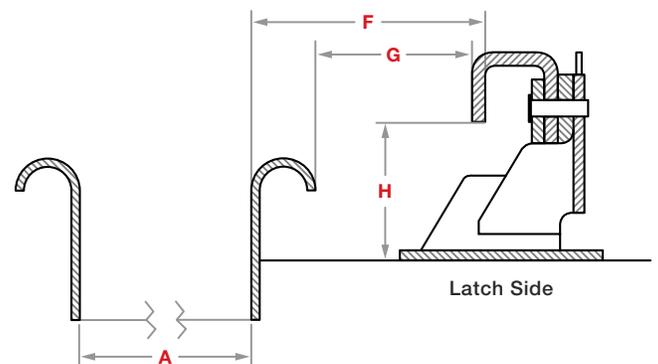
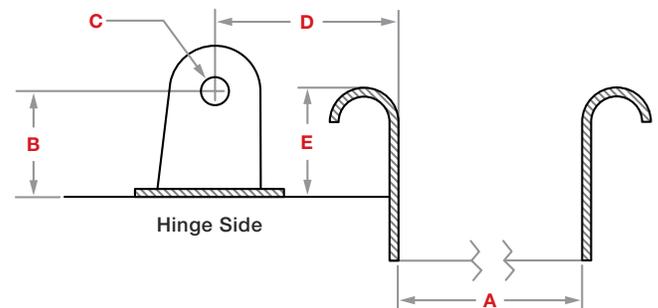


TOP OF CAR

When choosing which hatch cover to use with your fleet, start by inspecting the ring the cover will be mounted upon. Below are the most critical ring dimensions used when determining the appropriate hatch cover.

## DIMENSIONS & DESCRIPTIONS

Dimension	Description
A	Inner ring diameter
B	Hinge bolt height from top of car
C	Hinge bolt diameter
D	Hinge bolt distance from inside of ring
E	Height of ring from top of car
F	Distance from inside of ring to latch
G	Distance from outside of ring to latch
H	Height of latch when closed



Digital custom part request forms can be found on the Salco website at:

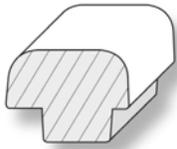
[www.salcoproducts.com/hatchcoverings](http://www.salcoproducts.com/hatchcoverings) ►

# Hatch Cover Gaskets



TOP OF CAR

## ACF ALUMINUM COVERS

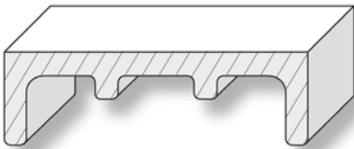
Part #: **HCG20A**

Size: 20 Inch

Material: Sylvin 2912-57 White 1492

White FDA Polyvinyl Duro: 60±5 Shore A

## 20-INCH VENTED AND NON-VENTED COVERS (SALCO COVER ONLY)

Part #: **HCG20FDA**

Size: 20 Inch

Material: White FDA EnfleX® V1160a

Trepene® A60. Duro: 65±5 Shore A

## THRALL / DEVMARK COVERS (RING GASKET)

Part #: **HCG20T**

Size: 20 Inch

Material: Sylvin 2912-57 White 1492

White FDA PVC Duro: 60±5 Shore A



Detailed dimensional drawings for each gasket can be viewed on the Salco website at:

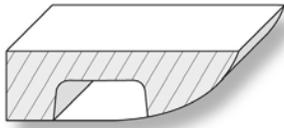
[www.salcoproducts.com/hatchcovergaskets](http://www.salcoproducts.com/hatchcovergaskets) ►

# Hatch Cover Gaskets



TOP OF CAR

## PULLMAN MONO-WHEEL COVERS



Part #: **PL20HCG**

Size: 20 Inch

Material: Sylvin 2912-57 White 1492

White FDA PVC Duro: 60±5 Shore A

## TRINITY PLASTIC HATCH COVERS



Part #: **TR20HCG**

Size: 20 Inch

Material: Sylvin 2912-57 White 1492

A. Schulma Polyvin 3524 White FDA Vinyl Duro: 60±5 Shore A



Detailed dimensional drawings for each gasket can be viewed on the Salco website at:

[www.salcoproducts.com/hatchcovergaskets](http://www.salcoproducts.com/hatchcovergaskets) ►

# Hatch Cover Gaskets



TOP OF CAR

## 30-INCH FLAT GASKET

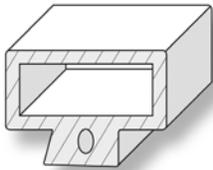


Part #: **HCG30TEX**

Size: 30 Inch

Material: White FDA Nitrile Duro: 60±5 Shore A

## 30-INCH VENTED AND NON-VENTED COVERS (SALCO COVER ONLY)



Part #: **HCG30E**

Size: 30 Inch

Material: White FDA Vinyl Duro: 80



Detailed dimensional drawings for each gasket can be viewed on the Salco website at:  
[www.salcoproducts.com/hatchcovergaskets](http://www.salcoproducts.com/hatchcovergaskets) ►

# Hatch Cover Screens



TOP OF CAR

Retrofit your existing Salco hatch covers with our redesigned pellet screen. Removing or replacing dirty screens has never been easier with this patented snap-on tab design.

## PRODUCT DETAILS

- Durable (Polypropylene), one-piece design
- Allows for quick, easy removal for cleaning or replacing. No more snap-in hooks or rivets to deal with
- Easily installs over six hatch cover gasket tabs
- Hatch cover gasket provides further securement
- Patented design

## INSTALLS EASILY

To install, align and gently press down until screen snaps in place. For cleaning or replacing, remove the gasket. Lift the screen at each tab location until it clears the gasket tabs and then pull away from cover.



**Pellet Screen**

Part Number: V2K71S

## YOU MAY ALSO NEED



**Side Vent Screen**

Part Number: VPHC20SFA







# Outlet Gates

Salco offers a wide variety of outlet gate options including Salco's 4590CV 5131 conversion gate. Whether you are seeking new gates, reconditioned gates, or repairs to existing gates, Salco has an option for you.



# Outlet Gates



BOTTOM OF CAR

Salco converts gates with outdated functionality into gates that operate more dependably, extending the service life of the original equipment.

## CUSTOMER BENEFITS

- Rugged low maintenance design
- Strong flat flange allows for great seal
- Valves easily open and close under load
- Lightweight Aluminum construction
- Allows for unloading from either side

## OEM GATES ALSO AVAILABLE

Salco also offers a wide variety of OEM gates along with an extensive list of replacement parts for each style of gate. No matter what style car or commodity, rest assured Salco has the gate you need in stock and ready to ship.



**Salco 4590CV 5131 Conversion Gate**

Part Number: RG11100AT



**Thrall/Edsco IIIC New OEM Gate**

Part Number: THGA001001



Part numbers referenced are for images shown  
See following pages for additional gates.

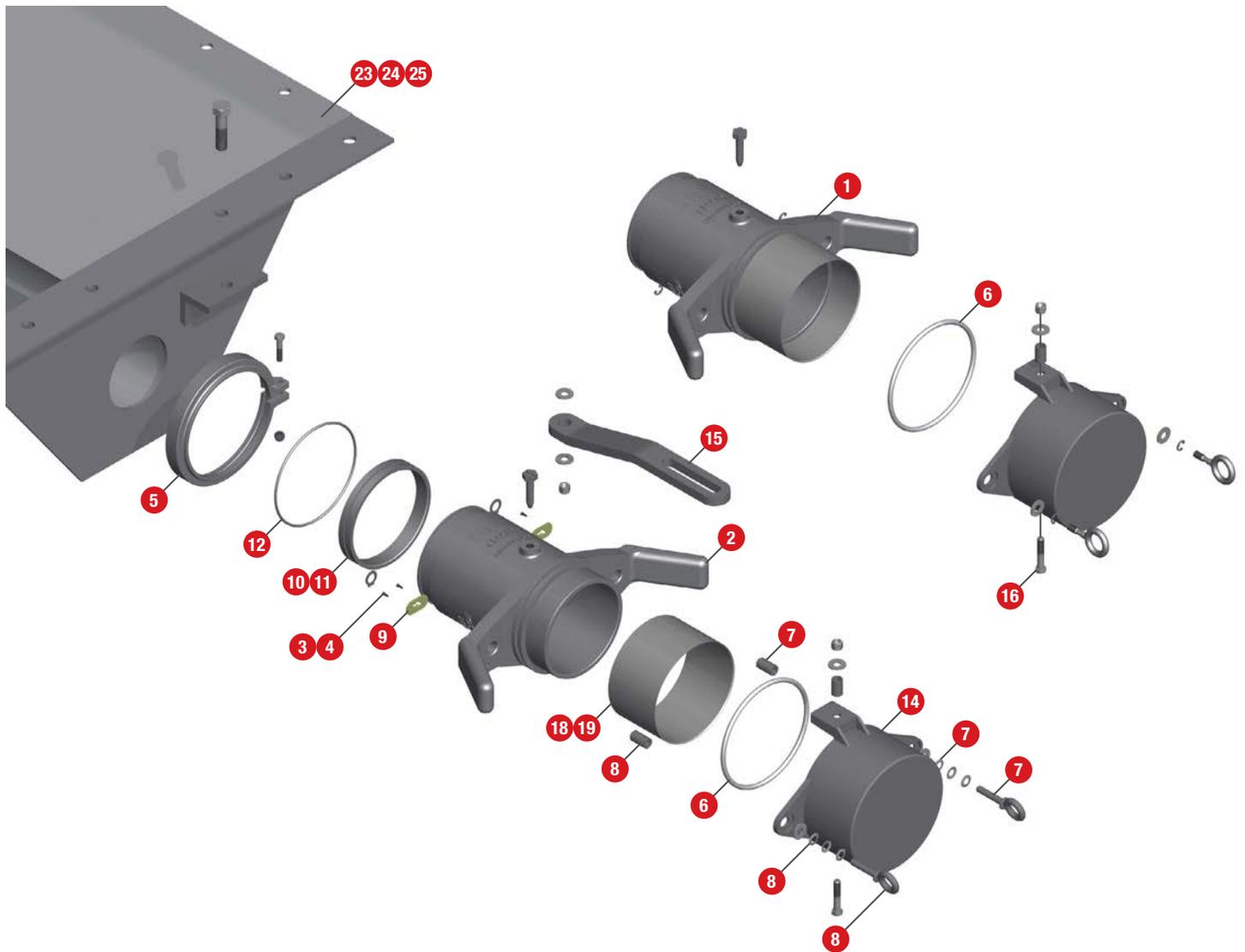


# ACF 5031 Outlet Gate



BOTTOM OF CAR

24  
Outlet Gates



View an interactive diagram of this outlet gate online  
Visit [www.salcoproducts.com/outletgates](http://www.salcoproducts.com/outletgates) ►

This chart is also available as an 11" x 17" laminated chart. Offering protection from oil, dirt, and spills, this chart is perfect for shop environments. Contact Customer Support to request yours.  
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# ACF 5031 Outlet Gate


**BOTTOM OF CAR**

## REPLACEMENT PARTS & DESCRIPTIONS

Number	Description	Part Number
1	Heavy Duty End Adapter Complete Assembly Eyebolt Style	EA103EA
2	Heavy Duty End Adapter Complete Assembly Kamlock Style	EA103KA
3	½" - 20 Special Screw	EA103SS
4	¾" - 16 Special Screw (New Style 37 & up)	EA103SL
5	Deflector Casting Assembly	EA103DEFA
6	Cap O-Ring	EA103OR
7	Kamlock With Grip Ring (Only) Silicon Bronze	KL103
8	Kamlock Assembly Silicon Bronze	KL103A
9	Kamlock Backplate Assembly (Includes Screws)	KL103BPA
10	Molded White Bearing	MTB103
11	Molded White Bearing Assembly (Includes White O-Ring)	MTB103A
12	O-Ring (White Vinyl)	MTB103OR
14	Outlet Cap (ABS Plastic)	RP103
15	Support Arm	RP103SA
16	Outlet Cap Mounting Assembly	RP103MA
17	Outlet Cap Eyebolts (2) For Eyebolt End Adapter	RP103EBA
18	Stainless Steel Nozzle 3 5/8" Salco Manufactured End Adapter Only	RPSN103
19	Aluminum Nozzle For 3 5/8" ACF Manufactured End Adapter Only	RPSN103A
20*	Outlet Cap Assembly (Cap With Silicon Bronze Kamlocks)	RP103KA
21*	Outlet Cap With Mounting Assembly	RP103A
23	Outlet Gate Mounting Flange Gasket (White)	GGTR111
24	Outlet Gate Mounting Flange Gasket (White)	GGTR111UC
25	Outlet Gate Mounting Flange Gasket (Tri-Bulb)	TBG111
26*	Outlet Gate Mounting Flange Gasket - ACF Bolt Pattern	GG35

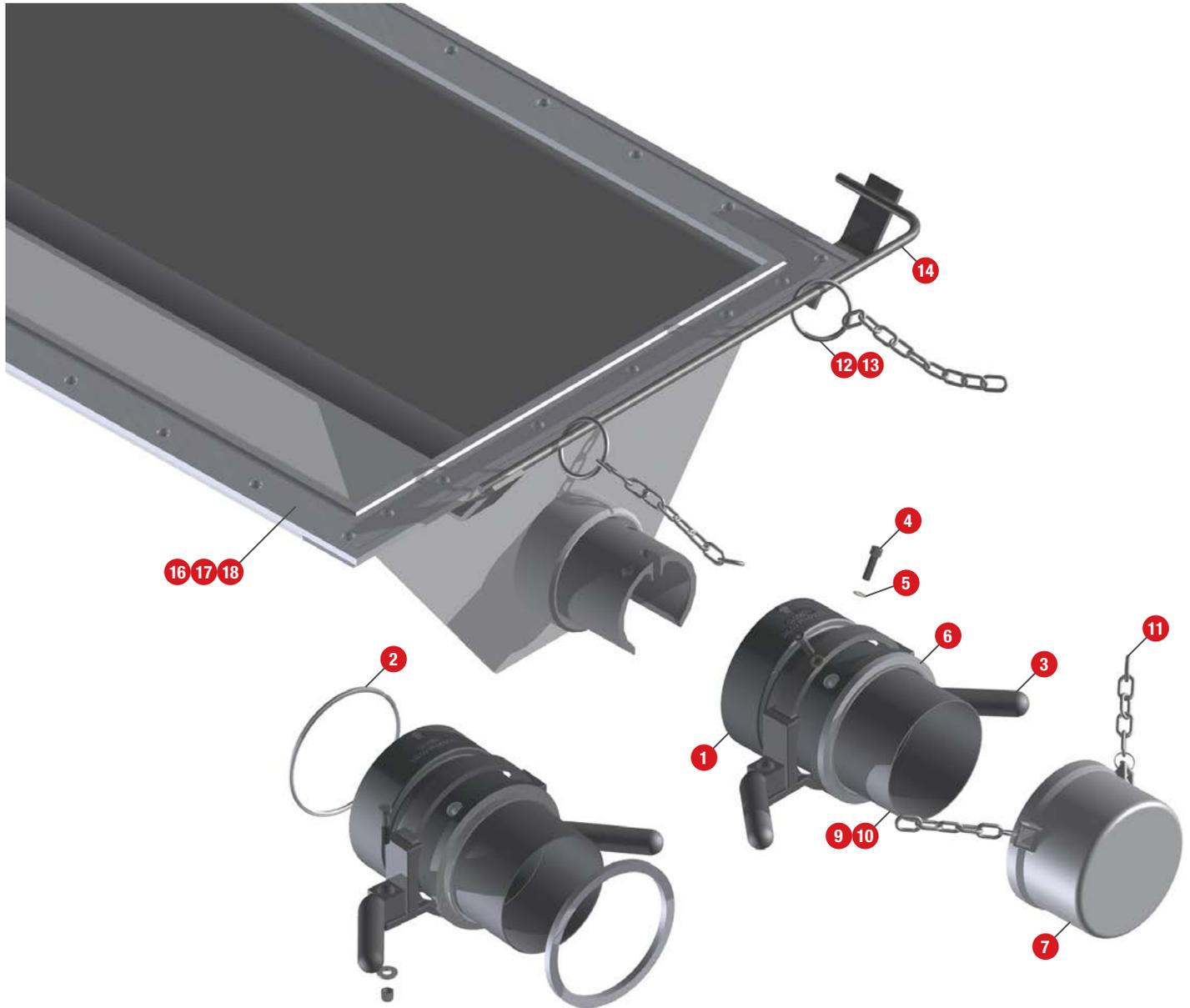
\* Items Not On Drawing

# ACF 5131/5134 Outlet Gate



BOTTOM OF CAR

26  
Outlet Gates



View an interactive diagram of this outlet gate online  
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# ACF 5131/5134 Outlet Gate


**BOTTOM OF CAR**

## REPLACEMENT PARTS & DESCRIPTIONS

Number	Description	Part Number
1	End Adapter Assembly With Handle	EA111AH
2	End Adapter U-Cup Seal (White)	EA111FDAU
3	Handle Assembly (Includes Nuts And Bolts)	EA111HANA
4	Control Tube Mounting Bolt	RTHB124S
5	Nylon Stat-O-Seal Gasket	RTHB124W
6	Outlet Nozzle Gasket (White)	ONG1115
7	Outlet Cap (ABS Plastic)	RP111
8*	Cap Assembly (Includes 7 & 11)	RP111SCA
9	Stainless Steel Nozzle (Salco End Adapter Only)	RPSN111
10	Aluminum Nozzle (ACF End Adapters Only)	RPSN111A
11	Chain Kit (Includes 4 Attachment Links & 2-3" Rings)	SCA111
12	3" Ring	SCA111R3
13	2" Key Ring	SCA115R2
14	Safety Chain Bar	SCB111
15*	Safety Chain Bar With Cap Attached	SCB111A
16	Outlet Gate Mounting Flange Gasket (White)	GGTR111
17	Outlet Gate Mounting Flange Gasket (White)	GGTR111UC
18	Outlet Gate Mounting Flange Gasket (Tri-Bulb)	TBG111
19*	Outlet Gate Mounting Flange Gasket - ACF Bolt Pattern	GG35
20*	Tool For RTHBTRS	RTHBTRST
21*	Reattachment Link	SCA1L
22*	Safety Chain Bar With RP205 Cap Attached	SCB205A
23*	Mounting Bolt Kit (1/2"-13" x 2")	MBKA200
24*	Mounting Bolt Kit (1/2"-13" x 2 1/4") For Gates With Pivot Arms	MBKA225
25*	Tool 7/32 Tamper Resistant Socket 3/8" Drive	S5536A18

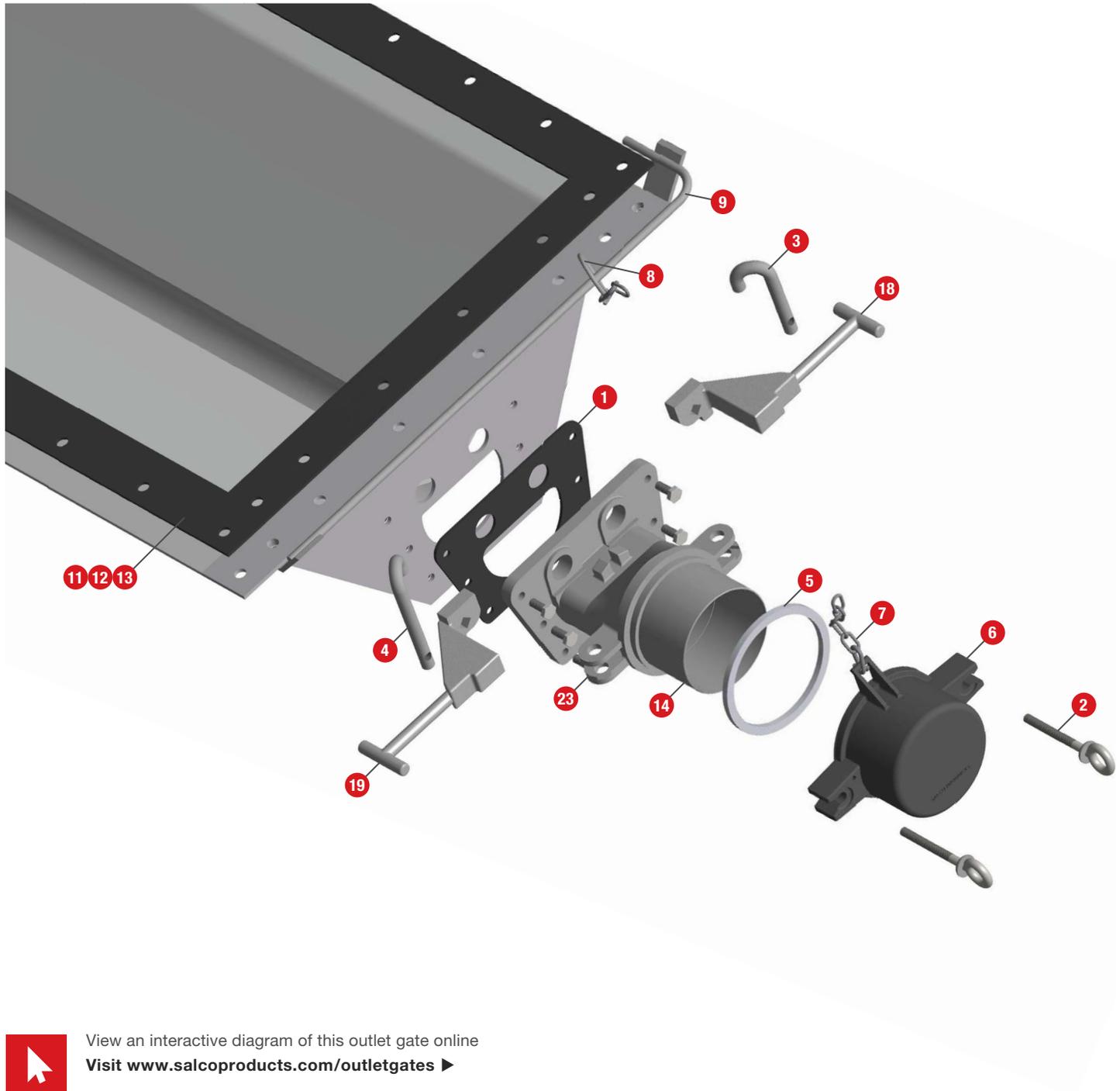
\* Items Not On Drawing

# ACF 5135/5235 Outlet Gate



BOTTOM OF CAR

28  
Outlet Gates



View an interactive diagram of this outlet gate online  
Visit [www.salcoproducts.com/outletgates](http://www.salcoproducts.com/outletgates) ►

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# ACF 5135/5235 Outlet Gate


**BOTTOM OF CAR**

## REPLACEMENT PARTS & DESCRIPTIONS

Number	Description	Part Number
1	End Adapter Gasket	EA205EAG
2	Steel Eyebolt With Washer	EB205SA
3	Right J Bolt (Short)	EA205RJ
4	Left J Bolt (Long)	EA205LJ
5	Outlet Nozzle Gasket (White)	ONG1115
6	Outlet Cap (ABS Plastic) (Fits 5135, 5124, 5235, 5231)	RP205
7	Chain Kit (Includes 2 Attachment Links And 1-3" Ring)	SCA205
8	2" Key Ring	SCA115R2
9	Safety Chain Bar	SCB111
10*	Safety Chain Bar With Cap (RP205) Attached	SCB205A
11**	Outlet Gate Mounting Flange Gasket (White)	GGTR111
12**	Outlet Gate Mounting Flange Gasket (White)	GGTR111UC
13**	Outlet Gate Mounting Flange Gasket (Tri-Bulb)	TBG111
14	Aluminum Outlet Nozzle For ACF End Adapter	RPSN111A
15*	Reattachment Link	SCA1L
16*	Cap Assembly (Cap & Chain Kit)	RP205SCA
17*	End Adapter Casting For 5135	AR50094102
18	Handle (Right)	AR50094653
19	Handle (Left)	AR50094642
20*	Outlet Gate Mounting Flange Gasket For 5235	GG5235
21*	Mounting Bolt Kit (1/2"-13" x 2")	MBKA200
22*	Mounting Bolt Kit (1/2"-13" x 2 1/4")	MBKA225
23	End Adapter Assembly For ACF 32 Bolt Hole	AR00001778

\* Items Not On Drawing

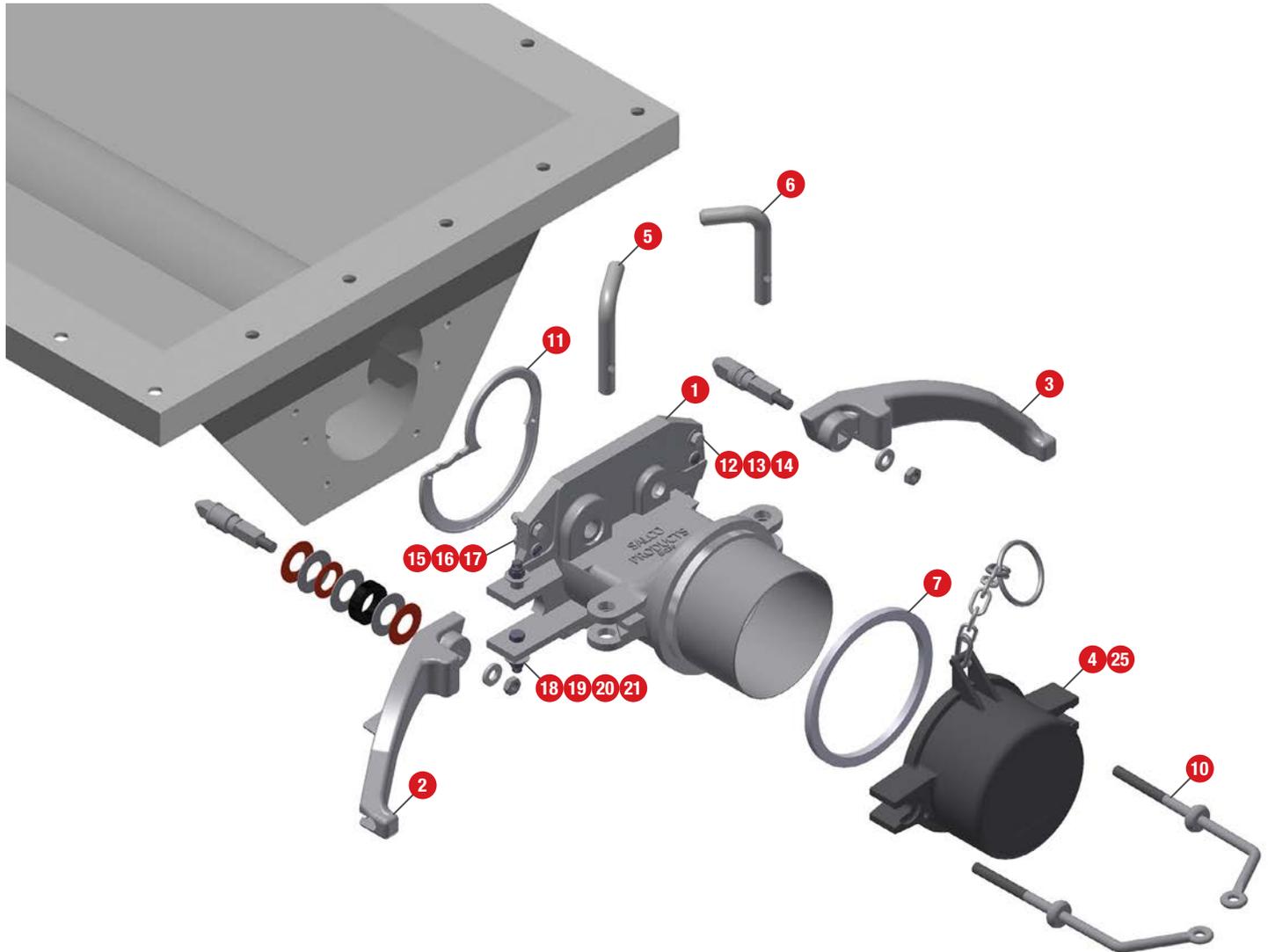
\*\* See page 38-41 for gate mounting flange gasket profiles

# ARI 5236 Pneumatic Outlet Gate



BOTTOM OF CAR

Outlet Gates 30



View an interactive diagram of this outlet gate online

Visit [www.salcoproducts.com/outletgates](http://www.salcoproducts.com/outletgates) ►

This chart is also available as an 11" x 17" laminated chart. Offering protection from oil, dirt, and spills, this chart is perfect for shop environments. Contact Customer Support to request yours. 630-685-4661 • [sales@salcoproducts.com](mailto:sales@salcoproducts.com)

# ARI 5236 Pneumatic Outlet Gate


**BOTTOM OF CAR**

## REPLACEMENT PARTS & DESCRIPTIONS

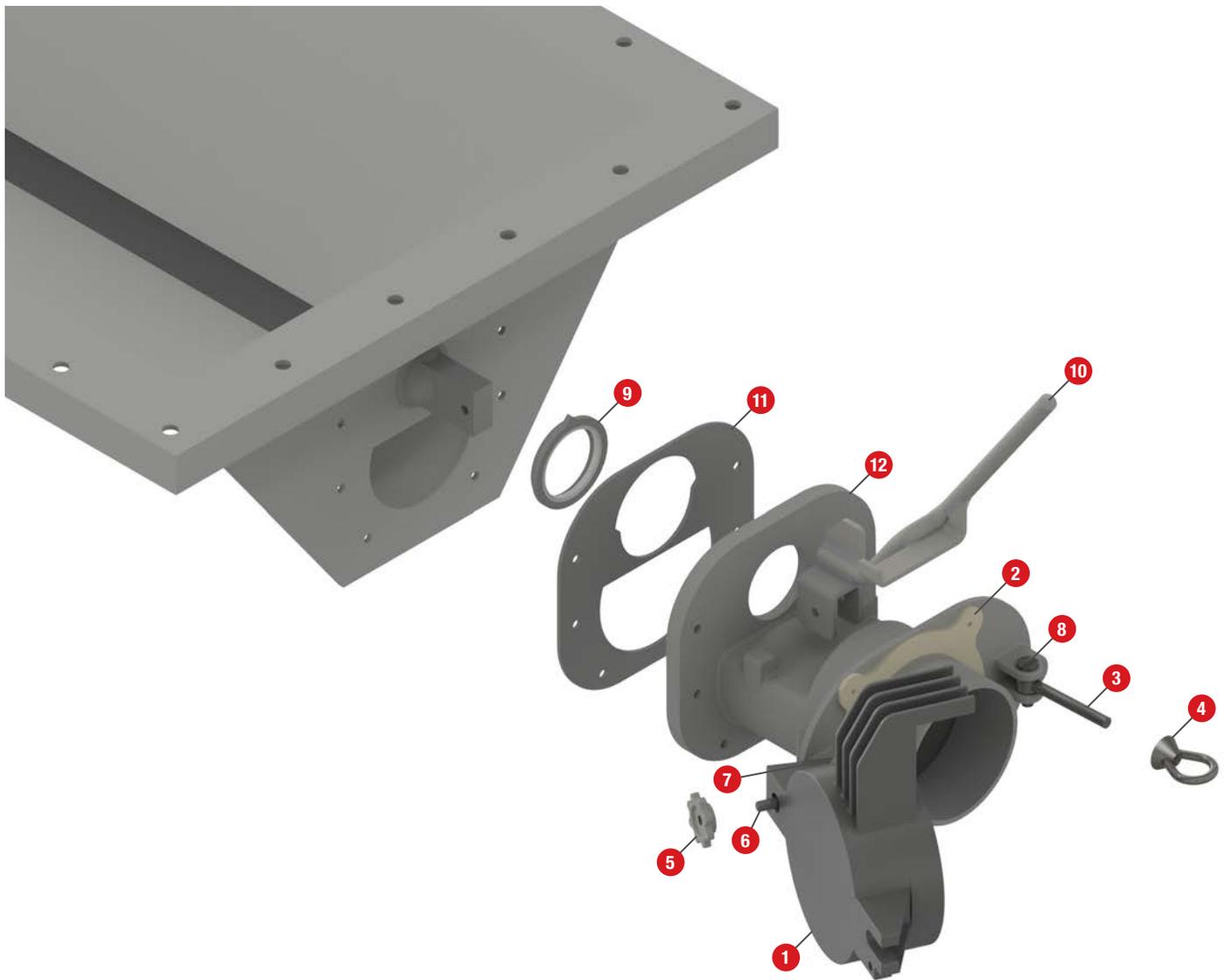
Number	Description	Part Number
1	End Adapter Full Assembly	EA236EA
2	Operating Handle (Left)	EA236OHL
3	Operating Handle (Right)	EA236OHR
4	Outlet Cap Assembly	RP205SCA
5	L Bolt 3/4" x 4 1/2" (Left Hand Side)	AR3K492300
6	L Bolt 3/4" x 4 1/2" (Right Hand Side)	AR3K492200
7	Outlet Nozzle Gasket 6 5/8" x 7 5/8"	ONG1115
8*	Pin Assembly (Left Hand Side)	EA236PA1
9*	Pin Assembly (Right Hand Side)	EA236PA2
10	Lock Arm	EA236LA
11	End Adapter Gasket	EAG206
12	Hex Lock Nut 3/8"-16	RP103MN
13	Flat Washer 3/8"	RP103MW
14	Hex Bolt 3/8"-16 x 1 1/2"	B20SS
15	Bolt 1/4" x 1/2"	FA-71809
16	Flat Washer 1/4"	WASH14SS
17	Bushing 1/4"	A34669
18	Hex Bolt 7/16" x 1 3/4"	FA-70160
19	Lock Nut 7/16"	FA-70863
20	Washer 7/16"	FA-0178028
21	Bushing 7/16"	A34681
22*	Bushing 3/4"	A35640
23*	Bushing 3/4"	A35641
24*	Gate Gasket	GG5236
25*	Outlet Cap With Chain Assembly and Chain Bar	SCB205A
26*	Tamper Resistant Bolt	AR2U721000
27*	Torque Wrench	AR91000132
28*	Mounting Bolt Kit (1/2"-13" x 2")	MBKA200
29*	Mounting Bolt Kit (1/2"-13" x 2 1/4")	MBKA225

\* Items Not On Drawing

# YSD 271 J,K,M/289 A&B/300 Outlet Gate



BOTTOM OF CAR



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# YSD 271 J,K,M/289 A&B Outlet Gate


**BOTTOM OF CAR**

## REPLACEMENT PARTS & DESCRIPTIONS

Number	Description	Part Number
1	Plastic Outlet Cap (271D) (271J/K/M) (289 Series Use YSDG-73670)	YSDG-73883
2	Outlet Nozzle Gasket	EAG271DE
3	Swing Bolt (Eye-Nut Side)	YSD4SB
4	Eye Nut (All)	YSD2EN
5	Compression Knob (All)	YSD134CK
6	Eyebolt (Compression Side)	YSD358SB
7	Clevis Pin (271J/K/M, 289 Series) (271D Use YSD225CP)	YSD334CP
8	Clevis Pin (Eye Nut Side All)	YSD134CP
9	Valve Seal Assembly (271D Use YSDG53163)	YSDZG70333
10	Handle	YSDZG64135
11	End Adapter Gasket	EA289EAG26
12	End Adapter Casting (Anodized)	WHMKE10496
13**	Mounting Gasket (289 Series)	GGTR35 / GGTR3125
14**	Mounting Gasket (271 Series)	GG35 / GGTR111
15*	Roll Pin (All)	T532RP
16*	End Adapter Valve Access Plate Gasket (271D)	YSD271G
17*	Plastic Rivet For Cap Gasket Fastener	YSDG79164
18*	Handle Grip	YSDG79836
19*	End Adapter (Bolt On)	YSDZG64166
20*	Control Valve (271 J,K,M)	YSDG65896
21*	Control Valve (289 A,B)	YSDG70708
22*	Center Valve Bearing For YSD 271 MUC	WHMKE10479
23*	Valve Indicator Label	YSDG-73933
24*	Mounting Bolt Kit (32 Bolt Hole)( $\frac{1}{2}$ "-13" x 2 $\frac{1}{4}$ ")	MBKA225
25*	Mounting Bolt Kit (38 Bolt Hole)( $\frac{1}{2}$ "-13" x 2 $\frac{1}{4}$ ")	MBKA225T

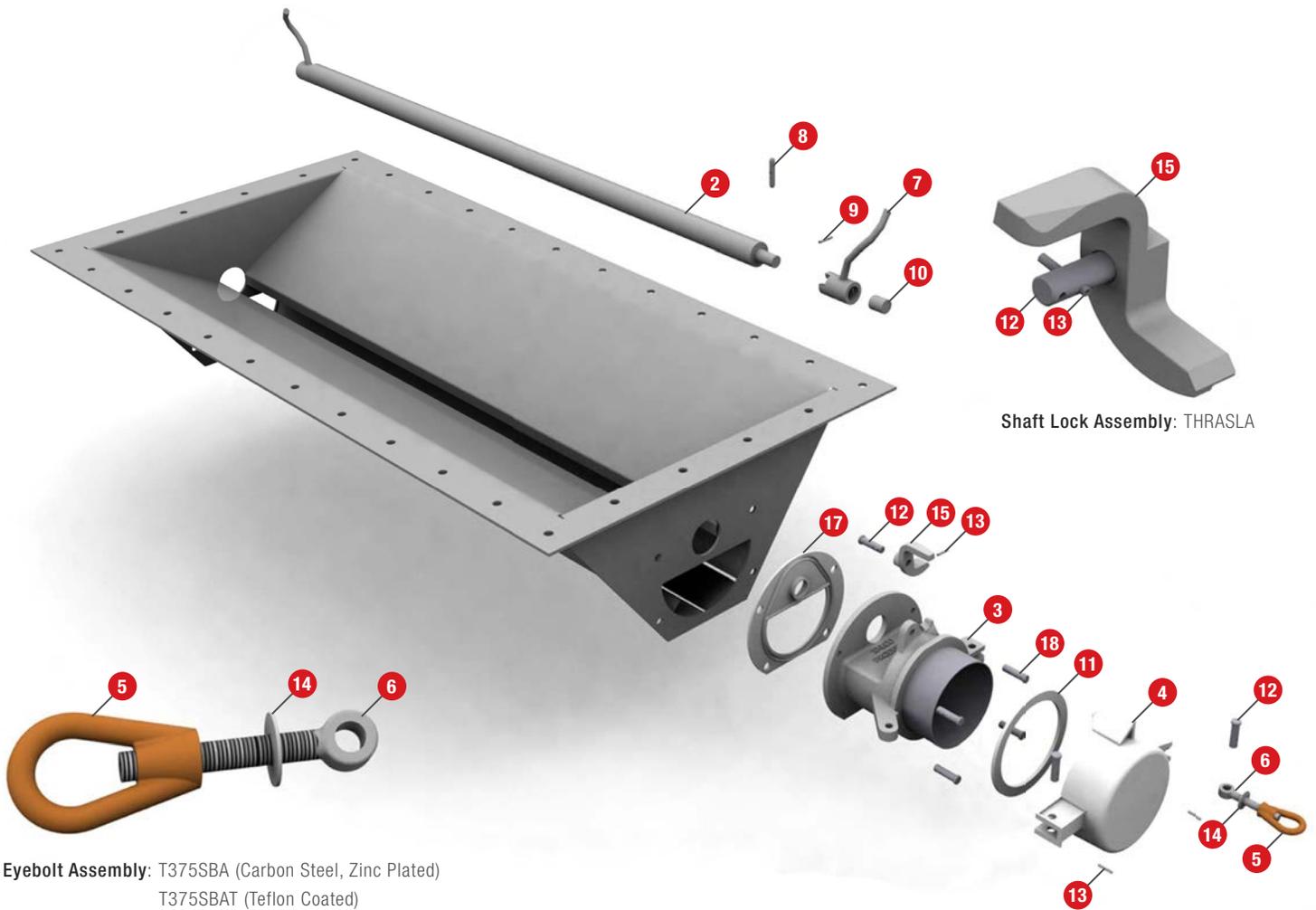
\* Items Not On Drawing

\*\* See page 38-41 for gate mounting flange gasket profiles

# Thrall/Edsco Outlet Gate



BOTTOM OF CAR



Shaft Lock Assembly: THRASLA

Eyebolt Assembly: T375SBA (Carbon Steel, Zinc Plated)  
T375SBAT (Teflon Coated)



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# Thrall/Edsco Outlet Gate


**BOTTOM OF CAR**

## REPLACEMENT PARTS & DESCRIPTIONS

Number	Description	Part Number
1	Gate Assembly (Includes everything shown)	THGA001001
2	Valve Rod	THGM166004
3	End Adapter (only) (End Adapter Assembly EAED100A Includes 3-6 & 11-15)	EAED100
4	Outlet Cap	RP100UT
5	Eye Nut	T2EN / T2ENT
6	Eye Bolt	T375SB / T375SBT
7	Handle	THGM166005
8	Turning Pin	THGM166003
9	Roll Pin	RP98296A897
10	Shaft Sleeve	THGM166006
11	Outlet Cap Gasket	ONG712E
12	Headed Pin (Long)	TUCP
13	Roll Pin	T532RP
14	Flat Washer	TSW916 / TSW916T
15	Shaft Lock	THRASL
16*	Operating Inst. Decal	THMD100797
17	End Adapter Gasket	THGM162002
18	Hex Bolt 3/8"-16 x 1 3/4"	EA111B
19*	Hex Lock Nut 3/8"-16	EA111N
20*	Flat Washer 3/8" USS	KL103FW
21**	Mounting Gasket	GG35 / GGTR111

\* Items Not On Drawing

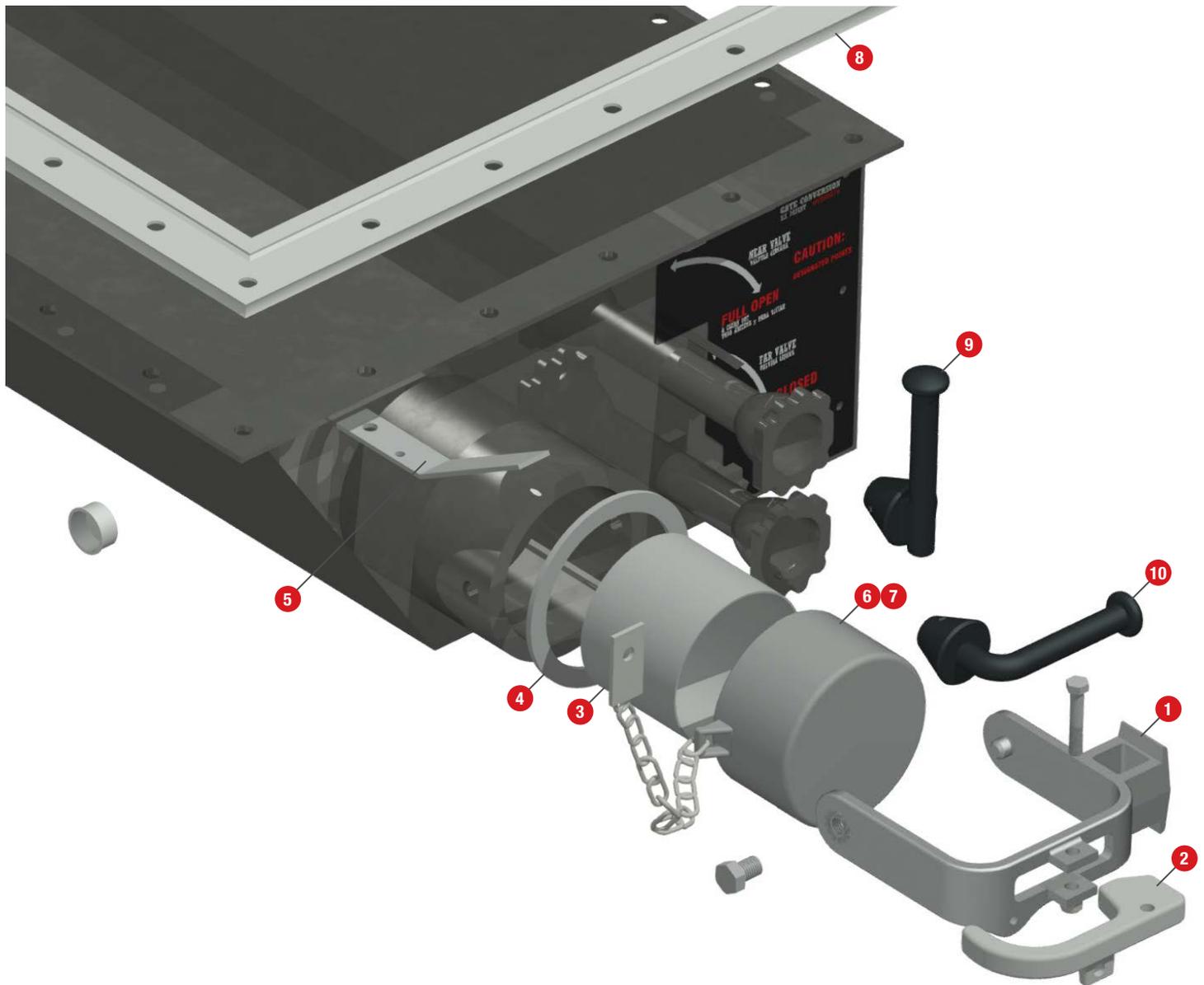
\*\* See page 38-41 for gate mounting flange gasket profiles

# Kam-Op Outlet Gate



BOTTOM OF CAR

36  
Outlet Gates



View an interactive diagram of this outlet gate online

Visit [www.salcoproducts.com/outletgates](http://www.salcoproducts.com/outletgates) ►

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# Kam-Op Outlet Gate



BOTTOM OF CAR

## REPLACEMENT PARTS & DESCRIPTIONS

Number	Description	Part Number
1	Bail Assembly w/ Handle	PRB17A
2	Bail Handle	PRC8AR
3	Nozzle	RPSNMM6
4	Outlet Nozzle Gasket	ONGMM6
5	Cap Hanger	EA204CH
6	Outlet Cap w/ Chain	RPMM6SCAKO
7	Outlet Cap (only)	RPMM6DP
8	Gate Gasket	GGTR35 or GGTR3125
9	Handle (Top)	MMHDL
10	Handle (Bottom)	MMHDL1
11*	Mounting Bolt Kit (38 Bolt Hole) (1/2"-13" x 2 1/4")	MBKA225T

\* Items Not On Drawing

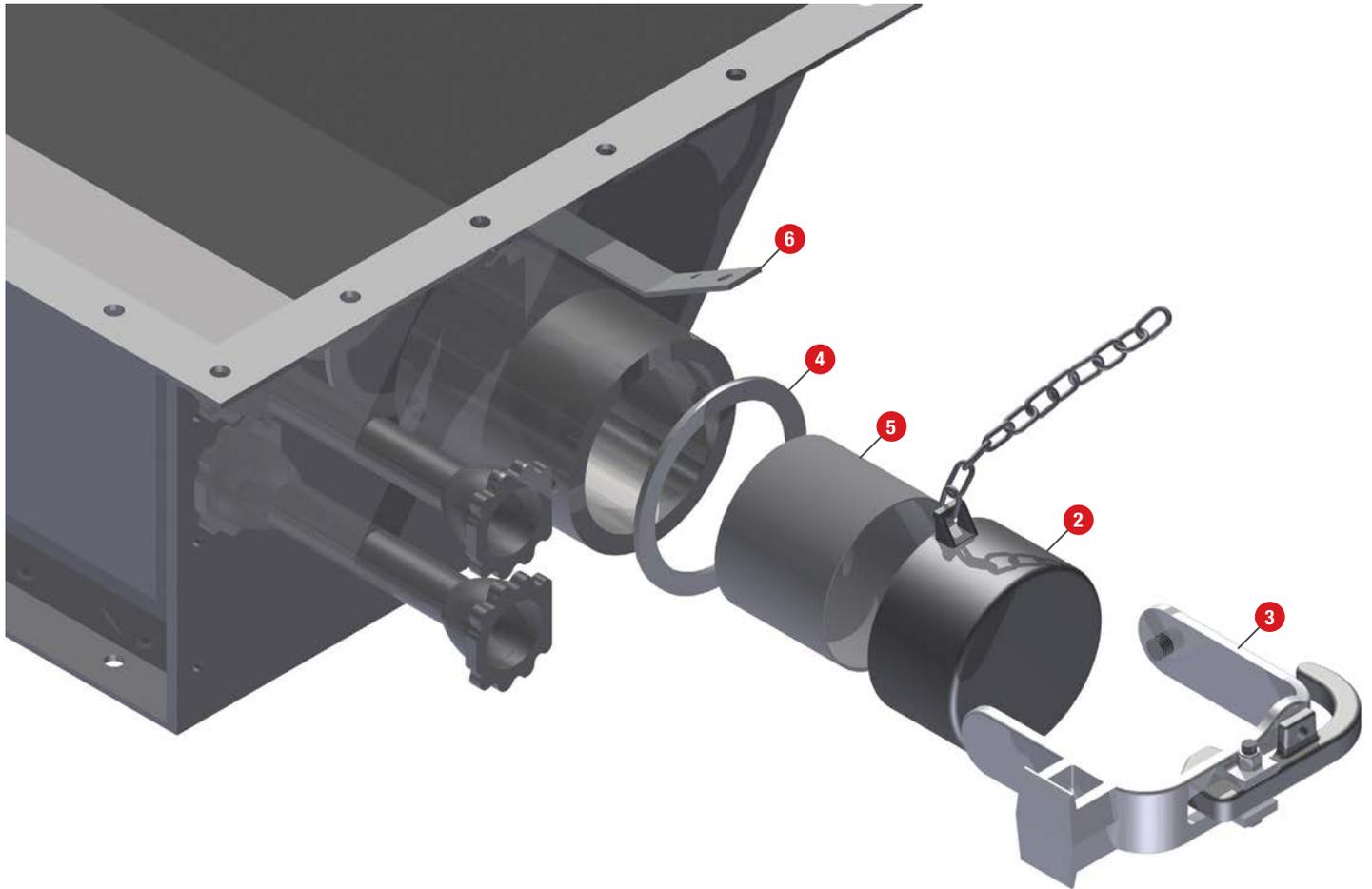


# Pullman Micro-Matic Outlet Gate



BOTTOM OF CAR

38  
Outlet Gates



View an interactive diagram of this outlet gate online

Visit [www.salcoproducts.com/outletgates](http://www.salcoproducts.com/outletgates) ►

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# Pullman Micro-Matic Outlet Gate



**BOTTOM OF CAR**

## REPLACEMENT PARTS & DESCRIPTIONS

Number	Description	Part Number
1*	Chain Assembly	SCAMM61
2	Outlet Cap	RPMM6DP
3	Bail Assembly	PRB17A
4	Outlet Nozzle Gasket	ONGMM6
5	Stainless Outlet Nozzle	RPSNMM6
6	Cap Hanger	EA204CH
7*	Mounting Bolt Kit (38 Bolt Hole)(1/2"-13" x 2 1/4")	MBKA225T

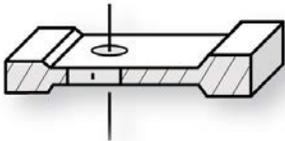
\* Items Not On Drawing

# Outlet Gate Mounting Flange Gaskets



BOTTOM OF CAR

ACF, KEYSTONE, THRALL/EDSCO, ELLCON NATIONAL 7800 SERIES, YOUNGSTOWN/FABCO 271 J, K, D, E

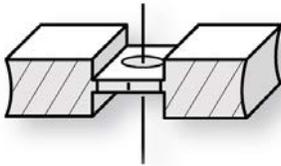


Part #: **GGTR111**

Bolt Holes: 36

Material: White FDA Vinyl Duro: 65±5 Shore A

ACF, KEYSTONE, THRALL/EDSCO, ELLCON NATIONAL 7800 SERIES, YOUNGSTOWN/FABCO 271 J, K, D, E

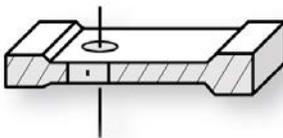


Part #: **GGTR111UC**

Bolt Holes: 36

Material: White FDA Vinyl Duro: 65±5 Shore A

TRINITY, PULLMAN, ELLCON NATIONAL 7700 SERIES, YOUNGSTOWN/FABCO 289 A & B



Part #: **GGTR3125**

Bolt Holes: 38

Material: White FDA Vinyl Duro: 65-70 Shore A



Detailed dimensional drawings for each gasket can be viewed on the Salco website at:

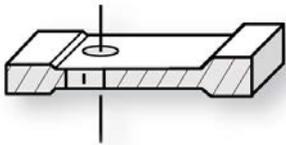
[www.salcoproducts.com/gategaskets](http://www.salcoproducts.com/gategaskets) ►

# Outlet Gate Mounting Flange Gaskets



BOTTOM OF CAR

ACF, KEYSTONE, MINER PNEUMATIC GATES

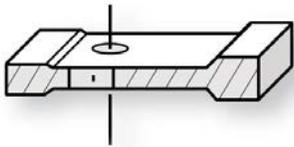


Part #: **GG1342**

Bolt Holes: 32

Material: White FDA Vinyl Duro: 65±5 Shore A

MINER GATES

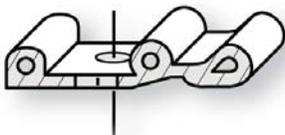


Part #: **GG1342M**

Bolt Holes: 64

Material: White FDA Vinyl Duro: 65±5 Shore A

ACF, KEYSTONE, THRALL/EDSCO, ELLCON NATIONAL 7800 SERIES, YOUNGSTOWN/FABCO 271 J, K, D, E GATES



Part #: **TBG111**

Bolt Holes: 32

Material: White FDA Vinyl Duro: 60±5



Detailed dimensional drawings for each gasket can be viewed on the Salco website at:

[www.salcoproducts.com/gategaskets](http://www.salcoproducts.com/gategaskets) ►

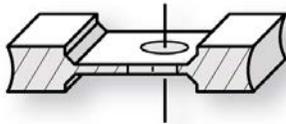
# Outlet Gate Mounting Flange Gaskets



BOTTOM OF CAR

42  
Outlet Gates

## TRINITY GATES

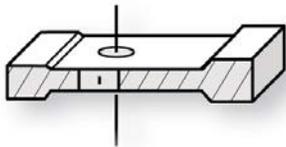


Part #: **GGTR35**

Bolt Holes: 38

Material: White FDA Vinyl Duro: 65-70 Shore A

## YSD 271M GATES

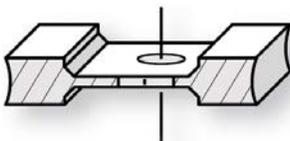


Part #: **GG271M**

Bolt Holes: 32

Material: White FDA Vinyl Duro: 65-70 Shore A

## ACF GATES



Part #: **GG35**

Bolt Holes: 36

Material: White FDA Vinyl Duro: 65±5 Shore A



Detailed dimensional drawings for each gasket can be viewed on the Salco website at:

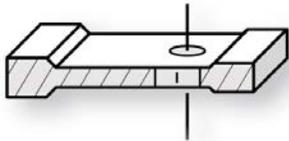
[www.salcoproducts.com/gategaskets](http://www.salcoproducts.com/gategaskets) ►

# Outlet Gate Mounting Flange Gaskets



BOTTOM OF CAR

## 30 INCH X 30 INCH GATES

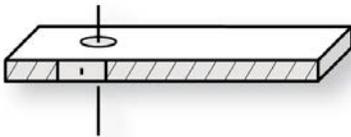


Part #: **GG3030**

Bolt Holes: 66

Material: White FDA Vinyl Duro: 65-70 Shore A

## ADIPIC ACID GATES

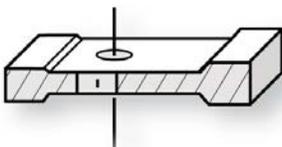


Part #: **GHR4143**

Bolt Holes: 26

Material: White FDA Vinyl Duro: 65±5 Shore A

## PROCOR / UNION TANK GATES



Part #: **GG75UT**

Bolt Holes: 34

Material: White FDA Vinyl Duro: 65±5 Shore A



Detailed dimensional drawings for each gasket can be viewed on the Salco website at:

[www.salcoproducts.com/gategaskets](http://www.salcoproducts.com/gategaskets) ►

# 6-Inch Vented Outlet Cap



BOTTOM OF CAR

44  
Outlet Gates

The pioneers behind the Vented Hatch Cover announce the latest innovation in the plastic pellet car component market.

### CUSTOMER BENEFITS

- Prevents pellet loss; reducing risk of fines
- Improves operator safety; lowering risk of accidents
- Saves time during unloading process
- 30-micron filter keeps debris out; lets air in
- Aids in preventing moisture build-up in draft tube
- Vent hood directs airflow, enhancing unloading vacuum rate

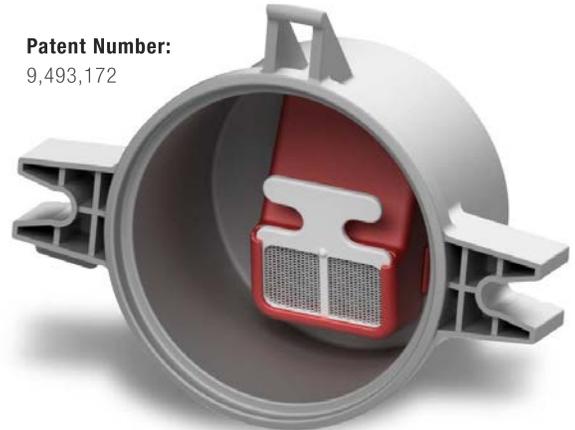
### PURPOSE-BUILT APPROACH

Salco Products Vented Outlet Cap presents multiple advantages for pneumatic gate operators and car owners. As a proud member of Operation Clean Sweep®, this component was designed with OCS® initiatives and general operator safety in mind.

This vented cap eliminates the unsafe practice of unloaders crawling under cars to remove a cap from the opposite side, decreases the risk of operator injury as well as pellet loss.



Patent Number:  
9,493,172



Visit [salcoproducts.com](http://salcoproducts.com) or [Youtube](#) for a complete product demonstration.



# Service Center

The Salco Products Service Center located in Houston, TX, repairs, reconditions and performs upgrades to hopper car outlet gates. With certified welders that meet AAR requirements, this service saves our customers thousands of dollars each year by helping them delay the purchase of new gates.



# Outlet Gate Repair / Reconditioning



BOTTOM OF CAR

Salco Products, Inc. provides a comprehensive 6-step repair & reconditioning process to all types of gates. Our welders are certified and meet AAR MSRP C-II M1001 (freight car design, fabrication and construction) which states that all welding will be in accordance with the AWS D.15 and specifically D.15.1 that governs all welds on railcars.

46

Service Center

1



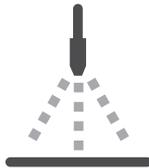
Thorough inspection of gate determines degree of repair and reconditioning required.

2



Gate is totally dismantled prior to initiating required repairs and reconditioning.

3



Glass bead blasting and power washing with hot water removes surface grease and grime.

4



Full buffing and cleaning removes any remaining debris and surface scratches.

5



After detailed inspection to ensure quality, the gate is reassembled using new nuts, bolts, washers, gaskets and caps.

6



Repaired, refinished, reassembled, fully inspected, approved for resale, and ready for delivery.

# Outlet Gate Repair/Conversion



BOTTOM OF CAR

Salco's Service Center Offers Complete Outlet Gate Repair/Reconditioning/Conversion Services

## ACF 5135 & 5235 GATES



- Eliminates gap that causes product contamination.
- Gap is welded shut, which eliminates pellet entrapment.

## MICRO-MATIC CONVERSION TO SALCO KAM-OP



- Salco's "Kam-Op" conversion eliminates "jumping time".
- Kam design replaces loop bracket/rack and pinion.
- Extended handles prevent "pinch points."

## ACF 5131 CONVERSION TO SALCO 4590-CV



- Salco's 4590-CV conversion eliminates binding/seizing of control valve caused by pellet entrapment.
- Elimination of bail assembly prevents "pinch points".
- Limiter Pin reduces 90-degree handle turn to 45 degrees.

As well as reconditioning Edsco, Ellcon and other gates, Salco's Service Center also reconditions hatch covers

Our welders are certified and meet AAR MSRP C-II M1001 (freight car design, fabrication and construction) which states that all welding will be in accordance with the AWS D.15 and specifically D.15.1 that governs all welds on railcars



# Loading / Unloading Aids

Salco's Loading and Unloading Aids offering can complement your plants recommended loading and unloading process to keep operations running efficiently.



# Containment Trays



BOTTOM OF CAR

Lightweight, heavy-duty containment trays fit securely to the rail to provide a simple and effective means of controlling product loss.

## CUSTOMER BENEFITS

- Lightweight
- Durable
- Catch product loss during unloading
- Notch keeps tray on track
- Optional cover and filter (for blue trays only)

## CONTROL PRODUCT LOSS

Help keep spills off the ground with lightweight, heavy-duty containment trays. Keeping your yard clean and free of contamination, these trays are rigid and capable of being lifted when full without risk of wobble.



**Containment Tray Large**  
Part Number: CT100L



**Containment Tray Small**  
Part Number: CT200



Part numbers referenced are for images shown  
View Salco website for full product offering at:  
[www.salcoproducts.com/containmenttrays](http://www.salcoproducts.com/containmenttrays) ►



# Klean-Out Paddle/Pole Assembly



TOP OF CAR

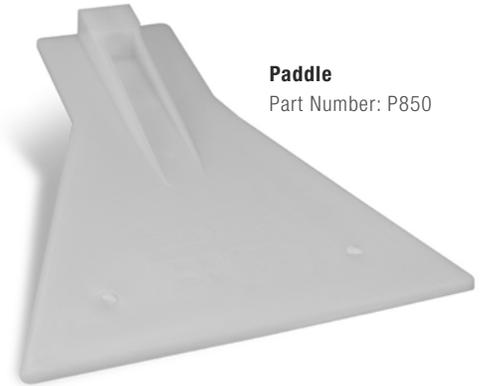
Salco's Klean-Out paddle/pole assembly provides a quick and easy means of cleaning the interior of hopper cars which have retained product during or after normal unloading.

## CUSTOMER BENEFITS

- Made from durable polypropylene
- FDA approved for use in food grade applications
- Telescoping fiberglass pole extends to 16 feet, allows easy access to all interior areas
- Available as assembly or individual pieces
- Rounded paddle corners protects lining and fabric

## EASY-TO-USE CLEANING AID

Scraping the walls of a car shouldn't be more difficult than it already is. Using tools designed for this purpose will help you save valuable time and effort. Rest assured this paddle is designed with the flexibility and durability to tackle any job inside your railcar.



**Paddle**  
Part Number: P850



**Pole**  
Part Number: P618



Part numbers referenced are for images shown  
View Salco website for full product offering at:  
[www.salcoproducts.com/kleanoutpaddle](http://www.salcoproducts.com/kleanoutpaddle) ►



**Pole Paddle Assembly**  
Part Number: P850A

# 20 Inch Weather Shield



TOP OF CAR

Weather shields provide effective protection of commodity during inclement weather such as rain and snow.

## CUSTOMER BENEFITS

- Constructed of durable, lightweight HD polyethylene
- Portable - can be moved from car to car or from opening to opening
- Shoulder strap keeps hands free
- Provides dual filtering; various filter media available
- All screens, external & internal, are replaceable
- Works with all resins and food products
- Bright yellow color for high visibility

## PROTECTION DURING INCLEMENT WEATHER

Railcars must be ready for any and all weather conditions. The 20-inch Weather Shield remains the strongest line of defense against moisture and other unwanted elements from reaching a railcar's commodity when unloading.



**20-Inch Cover**

Part Number: VPHC20RC



Part numbers referenced are for images shown  
View Salco website for full product offering at:  
[www.salcoproducts.com/weathershield](http://www.salcoproducts.com/weathershield) ▶



# Hose Supports



BOTTOM OF CAR

Keep loading and unloading hoses off the ground with hose supports for railcars and trucks.

## CUSTOMER BENEFITS

- Made of durable, lightweight HDPE plastic
- Keeps control valves clean during clean out
- Wide base, will not tip over
- Saves time, labor, and reduces accidents
- Strap fits a variety of hose sizes
- Available with caster wheels

## HELPING ELIMINATE CONTAMINATION

Protect your hose from unwanted dirt and damage by keeping it off the ground. Hose supports were designed with the operator in mind, elevating the hose for easy access to gates along with decreasing tripping hazards.

**Hose Support**  
Part Number: HS345



**Hose Support With Casters**  
Part Number: HS345W1



# Discharge Gate Adapters



BOTTOM OF CAR

Quickly and easily connect your product hose to a railcar with 6-Inch Pellet Gate Discharge Adapters.

## CUSTOMER BENEFITS

- Made from flexible polyurethane
- Lightweight and durable
- Easy to install; push-on design
- Male or female connections available
- Universal fit
- Works for all vacuum pneumatic gates

## UNLOAD WITH EASE

These durable but lightweight fittings make connecting a breeze with its push on design and kammed connections.



**6-Inch Unloading Adapter**  
Part Number: UC6A



**4-Inch Unloading Adapter**  
Part Number: UN64A



Part numbers referenced are for images shown  
View Salco website for full product offering at:  
[www.salcoproducts.com/nozzleadapters](http://www.salcoproducts.com/nozzleadapters) ▶



# Exhaust Filter System



TOP OF CAR

Control dust while loading and protect the atmosphere and operators from product contaminants/irritants.

## CUSTOMER BENEFITS

- Various sizes / filter fabrics available
- Keeps product from escaping into the environment
- Saves time and money by preventing messy clean-ups
- Protects your worker's health by filtering the air they breathe
- Adaptable to loading powder, plastics, cement, and other dry solids
- Filter bags available in 36-inch and 72-inch lengths with durable 30-micron spun-bonded nylon.

## PROPERLY FILTERED LOADING AREA

Eliminate the messy dust clouds caused when loading dry goods with an Exhaust Filter System. Easily attached to the hatch ring, filters can be used repeatedly and washed when soiled. Protect the operators by keeping the air they breathe contaminate free.



**Throat Liner Assembly**  
Part Number: TL20BBF72



**36-Inch Bag**  
Part Number: F36



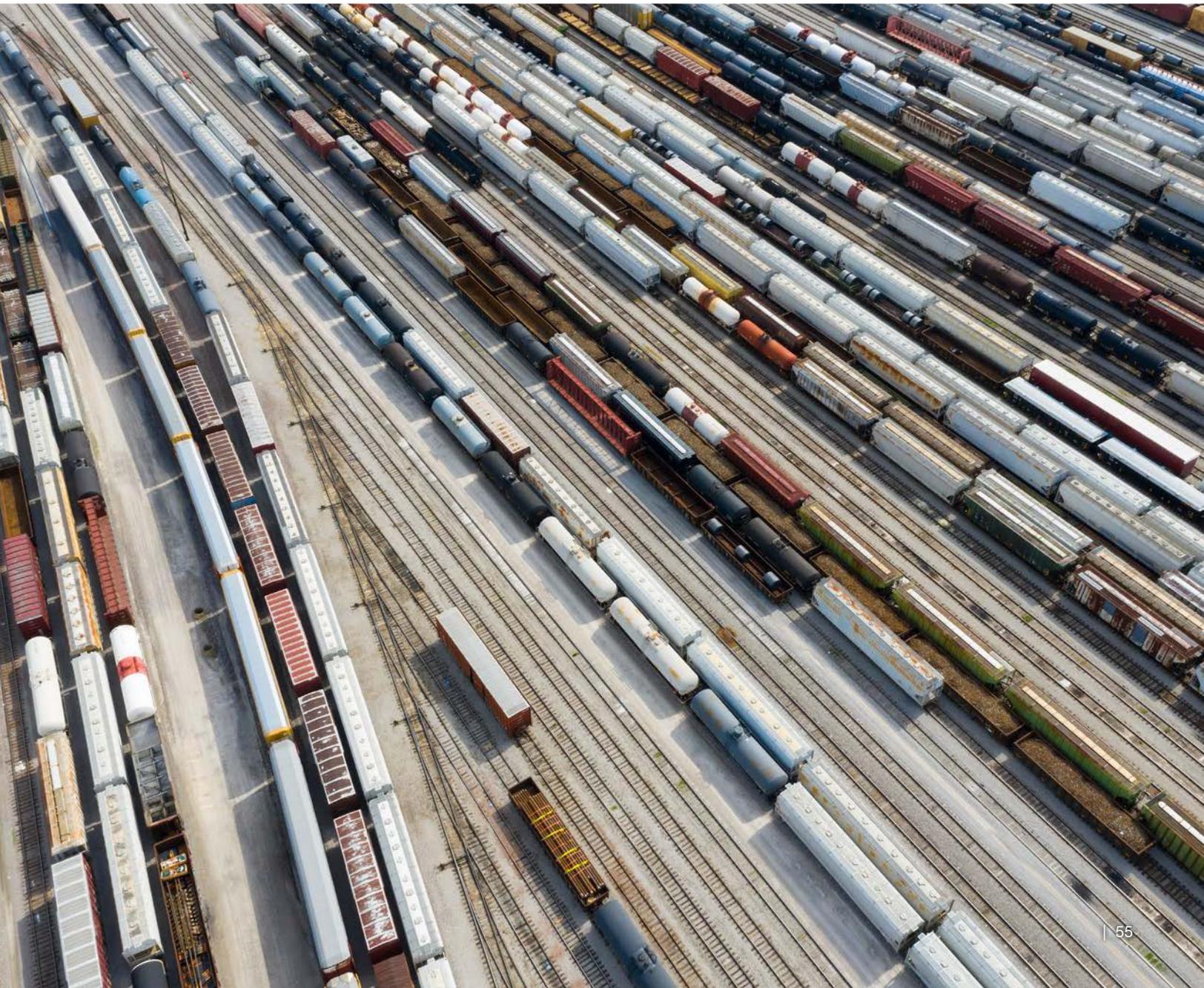
Part numbers referenced are for images shown  
View Salco website for full product offering at:  
[www.salcoproducts.com/exhaustfilter](http://www.salcoproducts.com/exhaustfilter) ►





# Rail / Yard Accessories

Salco Products carries a wide variety of parts to aid in moving your product while keeping it contaminant free. From filters and seals to various loading/unloading aids, Salco Products can help. Be sure to check out the Rail Safety and Maintenance section that has everything to keep you current with OSHA regulations.



# Top Filters and Seals



TOP OF CAR

Proven protection for hatch cover openings against contaminants during transit and unloading.

## CUSTOMER BENEFITS

- Available in a variety of sizes
- Made of high strength polyethylene
- Keeps insects, bees and other contaminants out of the load
- Filters allow the railcar to breathe, reducing condensation problems
- Filters available in 30-micron or 600-micron
- 600-micron filter can be used to hold fumigant packs/strips
- 30-inch holder available for larger openings; 20-inch framed filters snap right in

## ALLOW VENTILATION WHILE KEEPING CARS SANITARY

Help keep contaminants from making their way into the hopper car, while still allowing clean air in with a hatch filter. This is crucial when trying to avoid unwanted moisture and mold build up. Protect your commodity with a variety of filters and seals designed for hatch cover openings.



View Salco website for full product offering at:  
[www.salcoproducts.com/filtersandseals](http://www.salcoproducts.com/filtersandseals) ►



# Top Filters and Seals



TOP OF CAR

## 20-INCH AND 30-INCH FRAMED FILTERS



Part #: **HKS20F**

Size: 20-Inch

Material: (HDPE) High-density polyethylene, 30-Micron Filter



Part #: **HKS20FS**

Size: 20-Inch

Material: (HDPE) High-density polyethylene, 600-Micron Filter



Part #: **HKS30H**

Size: 30-Inch (Holds 20-Inch Klean Seal Filter)

Material: (HDPE) High-density polyethylene

## 20-INCH, 30-INCH AND 40-INCH SOLID PLASTIC BONNETS



Part #: **HS30HC**

Size: 30-Inch (Fits 20-Inch Hatch Ring)

Material: 2-Mil (PE) Polyethylene



Detailed dimensional drawings for each product can be viewed on the Salco website at:  
[www.salcoproducts.com/filtersandseals](http://www.salcoproducts.com/filtersandseals) ►

# Top Filters and Seals



TOP OF CAR



Part #: **HS40HC**

Size: 40-Inch (Fits 30-Inch Hatch Ring)

Material: 2-Mil (PE) Polyethylene



Part #: **HS50HC**

Size: 50-Inch (Fits 40-Inch Hatch Ring)

Material: 2-Mil (PE) Polyethylene

## 20-INCH, 30-INCH AND 40-INCH FILTER BONNETS



Part #: **VPHC20F**

Size: 30-Inch (Fits 20-Inch Hatch Ring)

Material: 2 oz. Spun Bonded Nylon, 20-30 Micron Filter



Part #: **VPHC40F**

Size: 40-Inch (Fits 30-Inch Hatch Ring)

Material: 2 oz. Spun Bonded Nylon, 20-30 Micron Filter



Detailed dimensional drawings for each product can be viewed on the Salco website at:  
[www.salcoproducts.com/filtersandseals](http://www.salcoproducts.com/filtersandseals) ►

# Top Filters and Seals



TOP OF CAR



Part #: **VPHC50F**

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Size: 50-Inch (Fits 40-Inch Hatch Ring)

---

Material: 2 oz. Spun Bonded Nylon, 20-30 Micron Filter

## 20-INCH BREAKAWAY BONNET



Part #: **V20FS**

---

Size: 30-Inch

---

Material: 1mil. (HDPE) High-density polyethylene (Inside)

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2oz. Cerex (Outside)



Detailed dimensional drawings for each product can be viewed on the Salco website at: [www.salcoproducts.com/filtersandseals](http://www.salcoproducts.com/filtersandseals) ►

# Bottom Filters and Seals



BOTTOM OF CAR

Proven protection for 6-Inch bottom outlet nozzles against contaminants during transit and unloading.

### CUSTOMER BENEFITS

- Made from spun-bonded nylon, the 30-micron conical filter protects product purity while allowing necessary air flow for unloading
- Protect product from dirt and contaminants accumulated inside the outlet caps during transit
- Vented Klean Seals allow wash water to drain while containing pellets
- Made from FDA-grade low density polyethylene
- 2-mil polyethylene bonnet allows for a thinner sealing option but provides similar protection

### VARIETY OF PROTECTION PRODUCTS

Keep contaminants from making their way into the hopper car gate, while still allowing clean air in. This is crucial when trying to avoid unwanted moisture and mold build up. Protect your commodity with a variety of filters and seals designed for outlet nozzles.



Part Number: ONGFI



Part Number: NBS14



Part Number: NKS625



Part Number: NKS625V



View Salco website for full product offering at:  
[www.salcoproducts.com/filtersandseals](http://www.salcoproducts.com/filtersandseals) ▶



# Bottom Filters and Seals



BOTTOM OF CAR

## 6-INCH NON-VENTED AND VENTED NOZZLE KLEAN SEALS



Part #: **NKS625**

Size: 6-Inch Non-Vented

Material: (LDPE) Low-density polyethylene



Part #: **NKS625V**

Size: 6-Inch Vented

Material: (LDPE) Low-density polyethylene

## 6-INCH DEEP WELL VENTED NOZZLE KLEAN SEAL



Part #: **NKS625VT**

Size: 6-Inch Vented

Material: (LDPE) Low-density polyethylene



Detailed dimensional drawings for each product can be viewed on the Salco website at: [www.salcoproducts.com/filtersandseals](http://www.salcoproducts.com/filtersandseals) ►

# Bottom Filters and Seals



BOTTOM OF CAR

## 6-INCH OUTLET NOZZLE CONICAL FILTER



Part #: **ONGFI**

Size: 6-Inch

Material: 30-Micron, 2 oz. spun bonded nylon, 6-Inch molded ring  
**ONGFI100** (100-Micron) also available

## 6-INCH SOLID PLASTIC BONNET



Part #: **NBS14**

Size: 6-Inch

Material: 2-Mil (PE) Polyethylene

## OUTLET GATE MOUTING FLANGE FILTER



Part #: **MFF3125**

Size: 41-Inch W x 95-Inch L

Material: 2 oz. Nylon spun bounded 30-micron



Detailed dimensional drawings for each product can be viewed on the Salco website at:  
[www.salcoproducts.com/filtersandseals](http://www.salcoproducts.com/filtersandseals) ►

# Paint Protection



BODY OF CAR

Sturdy and easy-to-apply, our disposable plastic protective products provide a quick, economical means of shielding parts during painting.

## CUSTOMER BENEFITS

- Lightweight
- Durable
- Quickly applied and removed; saves time and labor
- Treated to ensure that paint adheres to the plastic when the cover is removed
- Also available for Couplers, Air Hoses, and Truck & Side Frame

## A SECURE, PAINT-PROOF SEAL

Quickly cover components to protect them from overspray and other applications. A variety of products are available and ready to keep your components clean, safe, and dry.



Part Number: PMS20



Part Number: SHRP001



Part numbers referenced are for images shown  
View Salco website for full product offering at:

[www.salcoproducts.com/paintprotection](http://www.salcoproducts.com/paintprotection) ►



# Grit Dust Recovery Bags



BOTTOM OF CAR

A simple and efficient means of collecting and removing unwanted residues produced during the blast process.

## CUSTOMER BENEFITS

- Suitable for a variety of recovery systems
- Made of durable, lightweight synthetic weave
- 21 cubic-foot capacity; holds up to 2,100 pounds
- Flexible, easy-to-secure closure opens to 12-inch
- Fits a variety of nozzle sizes and shapes
- Ideal for repair shops, paint shops, car builders and cleaning facilities

## DESIGNED FOR EASY CLEAN-UP

The grit blasting process can produce large amounts of dust and debris from the abrasive product being blasted. This debris, in large amounts, can be quite heavy and require a collection method designed for this purpose. Grit Dust Recovery Bags are a suitable solution for efficiently collecting and disposing of waste produced by the car blasting process.



**14-Inch Bag**  
Part Number: GDB1000



**20-Inch Bag**  
Part Number: GDB3000



Part numbers referenced are for images shown  
View Salco website for full product offering at:  
[www.salcoproducts.com/recoverybags](http://www.salcoproducts.com/recoverybags) ►



# Aldon® Safety Products



BOTTOM OF CAR

Long identified with railroad safety and maintenance products, Aldon® is recognized throughout North America for its full range of safety and maintenance products for rail and industrial use.

## PRODUCTS AVAILABLE

- Sign Holders
- Sign Plates
- Wheel Chocks
- Solar Lights
- Derails
- Electric Gate Opener

## RAIL, DOCK & TRUCK SAFETY PRODUCTS

Rail yards are busy and dangerous places in which to work. Workers need to be constantly alert of what is happening around them and where they are standing. Aldon® Railroad Safety Products help workers stay alert and safe when working around freight cars.



**ALDON®**  
Safety on Track Since 1904

Salco Products is an authorized distributor of Aldon® safety and maintenance products.



View Salco website for full product offering at:  
[www.salcoproducts.com/yardaccessories](http://www.salcoproducts.com/yardaccessories) ►



# Seals and Locking Devices



BOTTOM OF CAR

A broad line of seals and locking devices for a wide variety of security requirements.

## ITEM 2250C

Rule Governing Barrier Seal Application: Issued October 6, 2003; effective January 1, 2004. The shipper is responsible to protect the safety and integrity of its lading, including but not limited to, the application of barrier seals to railroad cars to prevent unauthorized access to its lading. A minimally-accepted barrier seal will be composed of braided steel strands (high tensile strength steel cable) totaling one-eighth (1/8) inch in diameter.

## SOLUTION FOR ANY LEVEL OF SECURITY

With everything from rugged polypropylene or nylon indicative seals to hardened alloy-steel barrier seals, Tyden Brooks has a solution for any level of security you might need.



Part Number: BR8919012



Part Number: BR9272111



Salco Products is an authorized distributor of Tyden Brooks Company seals and locking devices.



Part numbers referenced are for images shown  
View Salco website for full product offering at:  
[www.salcoproducts.com/cableseals](http://www.salcoproducts.com/cableseals) ▶



# Clearance Markers



BOTTOM OF CAR

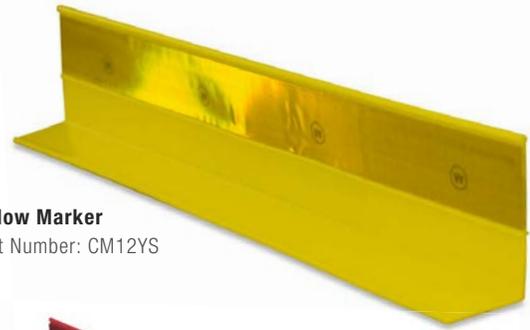
Flexible, durable, reflective clearance markers that help prevent clearance point / crossover fouling accidents.

## CUSTOMER BENEFITS

- Improves nighttime visibility
- Helps prevent accidents
- Easy to install
- Durable, built for extreme conditions
- Flexible, does not present a tripping hazard

## CLEARANCE POINT / CROSSOVER FOULING ACCIDENTS

These accidents are common and mostly caused by limited or lack of proper clearance markers. They typically occur at night in which there is no, or limited, visibility. Currently, there are no standards in place for night visibility clearance markers and some have attempted to use “home-made” methods. These methods are great for temporary use, but over time these devices will not last. Paint fades, markings are easily covered by dirt and debris, PVC markings eventually break due to weather, and with no large-scale manufacturing, these “home-made” devices can be costly to maintain.



**Yellow Marker**  
Part Number: CM12YS



**Red Marker**  
Part Number: CM12RS



Day



Night



Part numbers referenced are for images shown  
View Salco website for full product offering at:

[www.salcoproducts.com/clearancemarkers](http://www.salcoproducts.com/clearancemarkers) ▶





# Car Body

The physical demands of freight transportation make running gear components and running boards the number one maintenance cost item. Salco has these and other common running gear parts available and ready to ship.



# Platform / Running Boards



TOP OF CAR

Grating ruggedly constructed of galvanized steel providing an optimal anti-skid surface where it is needed most.

## CUSTOMER BENEFITS

- Durable Galvanized Steel
- Anti-skid patterns prevent slipping
- Designed specifically for railcar applications
- Saves time, labor, and reduces accidents

## VARIETY OF PATTERNS AVAILABLE

Safety atop a railcar is of utmost importance. Having a stable non-slick surface to walk on will help to prevent dangerous accidents from occurring. Galvanized Steel running boards provide a stable surface for operators to work even in less than ideal conditions.



## Patterns Available



Bar Pattern



Diamond Pattern



Open Grip Pattern



View Salco website for full product offering at:  
[www.salcoproducts.com/runningboards](http://www.salcoproducts.com/runningboards) ►



# Running Gear



BOTTOM OF CAR

Optimize the ride quality of your freight and railcars with durable, high-quality, in-stock running gear (stabilization) components.

## PRODUCTS AVAILABLE

- Braking Systems
- Friction Material
- Safety and Protection
- Suspension and Vibration Control
- Wear and Lading Protection
- Couplers

## NUMBER ONE MAINTENANCE COST ITEM

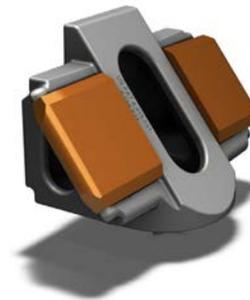
The physical demands of freight transportation make running gear components the number one maintenance cost item. Whether it be low or high volume, Salco has common running gear parts and components available and ready to ship.

**Ask about our running gear consignment programs**



### Draft Gears

Dynamiq™ 742 Draft Gear



### Hydraulic Stabilizers

Hydrashox™ Gold



### Snubbing Systems

RFE-53 Friction Wedge



### Break Systems

Brake Beam



View Salco website for full product offering at:

[www.salcoproducts.com/hcrunninggear](http://www.salcoproducts.com/hcrunninggear) ▶



# ORALITE® Conspicuity Material



BODY OF CAR

Salco offers the rail industry ORALITE® conspicuity material, a high-visibility reflective tape that can greatly improve visibility and safety at night, in bad weather, and in poorly lit environments. ORALITE® conspicuity material is unmatched for recognition and safety.

## CUSTOMER BENEFITS

- Extremely durable, impact and crack resistant
- Single ply - .008 thin; no open-cell construction
- Easily adheres to flat and curved surfaces
- Retains reflective ability even when wet
- Meets all D.O.T. specs

## MICROPRISM CONSTRUCTION

Cube-corner microprism retro-reflective elements are integrally bonded to a flexible, weather-resistant UV-stabilized polymeric film.



Part Number: R4X150BY



Part Number: R4X150BW

# ORALITE®

Salco Products is an authorized distributor of Oralite® high-visibility reflective tape for the rail industry.



Part numbers referenced are for images shown  
View Salco website for full product offering at:  
[www.salcoproducts.com/oralite](http://www.salcoproducts.com/oralite) ►





# Services

Salco Products possesses the knowledge and the resources to provide professional and specialized services. With 40 years leading the transportation industry, our innovative and experienced minds make Salco the perfect choice for your consignment or consulting needs.



# Regulatory Compliance Group



SOLUTIONS TO ACHIEVE COMPLIANCE

Salco's Regulatory Compliance Group is engaged in the delivery of highly technical, compliance-based services to our transportation partners.

## FROM DESIGN TO DESTINATION

Our services help our customers move product from design to destination in a safe and cost effective manner. An aspect of our business is compliance with federal regulations, industry standards and to customer requirements.

## AS A COMPLIANCE MANAGEMENT COMPANY

Salco maintains membership in several trade and professional organizations. These memberships, and our participation, helps to ensure that our customers are fully-informed of developing issues, and that we maintain leadership status by promoting scientifically-based and practical solutions to achieve compliance.

To schedule training or view a complete list of services  
 Visit [www.salcoproducts.com/RCG](http://www.salcoproducts.com/RCG) ►



Car Inspection



NDT and Welding Support



Quality Assurance



Compliance Support



Engineering Support



Language Services



CLASSROOM TRAINING



HANDS-ON TRAINING

# Consignment Services



## INVENTORY MANAGEMENT

Salco Products offers turnkey inventory management programs tailored to our customer's specific needs. We work together with our customers to optimize inventory turns, put the proper items in inventory, and provide simple recording methods to lessen overall cost of servicing our industry.

### COST SAVINGS

- Eliminate expedited shipping fees by keeping high turnover items in stock.
- Monthly bulk deliveries reduce multiple shipment charges.
- Consolidated invoices for all material used; pay for items only when you use them.
- No set up or inventory maintenance fees.



### CONVENIENCE

- Monthly/quarterly on site inventory counts to ensure accuracy
- Automated inventory replenishment
- Stock usage monitored and levels adjusted accordingly

### TECHNOLOGY

- Remote technology available for on-site inventory counts
- Usage/transaction history reports available on demand through web portals

Interested in getting started?

Visit [www.salcoproducts.com/inventorymanagement](http://www.salcoproducts.com/inventorymanagement) ►







**COMMITTED TO INNOVATION**

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The most current revision of this information can be found on our website at [www.salcoproducts.com](http://www.salcoproducts.com) and supersedes all other versions. Please check the revision date information of any printed materials to ensure the most current information is being referenced.

