

# Critical supply profile: Suction canisters

Updated 3/28/2023

## Today's market landscape

Cardinal products continue to experience supply challenges due to a new production machine for CRD canisters. Estimated recovery dates have been pushed out Q3 with the exception of their Guardian line which is showing full recovery.

DeRoyal had a line disruption that temporarily increased its back-order position. The line has been repaired and the supplier is working through the increase in back orders.

### Included in this document

*(Click to view each section)*

[Manufacturing insights](#)

[Logistics insights](#)

[Utilization insights](#)

[Vizient insights](#)

[Cross-reference](#)

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## Vizient award overview

### Awarded suppliers

MS7602 - Cardinal Health 200

MS7604 - DeRoyal Industries

### Distribution

Both direct from supplier and distributed through the following distribution channels:

Medical-surgical

### Category

Products covered by this profile include suction canisters (rigid, semi-rigid reusable, disposable)

## Making supply uncertainty a thing of the past, not the future

To help members maintain supply assurance for essential products, Vizient shares market and other updates via [critical supply profiles](#) on vizientinc.com. These category-specific documents contain comprehensive production, logistics and utilization insights to help members source supplies with confidence. Critical supply profiles are one way we're [building supply assurance together](#).

## Manufacturing insights

*Factors affecting production of products in this category*

### Updates from awarded suppliers

Cardinal Health 200:

- Cardinal products continue to experience supply challenges due to a new production machine for CRD canisters. CRD recovery expectation is delayed to Q3. Guardian canister, Cardinal's highest volume line, has recovered. Flex line is now projected for recovery in July.

DeRoyal Industries:

- DeRoyal had a line disruption that temporarily increased its back-order position. The line has been repaired and the supplier is working through the increase in back orders.

### Raw materials

Raw material prices are still higher than 2021. Polypropylene - index is currently 23% lower than the average for 2021, but still 85% higher than the 2020 average. Polystyrene - index is currently 10.5% higher than the average for 2021, and 42.5% higher than the 2020 average. HDPE/LLDPE - index is currently 16.8% lower than the average for 2021, but still 90.9% higher than the 2020 average.

The latest manufacturing insights are available [here](#).

### Regulatory and approval

No updates

### Non-awarded manufacturers

Medine is not currently under contract.

### Additional topics

No additional topics at this time

## Logistics insights

*Factors affecting distribution and storage of products in this category*

### Product allocation

Cardinal is currently under allocation with estimated recovery by Q3 2022. Product allocation is based on historical usage.

### Transportation/shipping

Both Cardinal and DeRoyal manufacture their suction canisters in the U.S. Cardinal manufactures in Texas and DeRoyal in Tennessee.

See additional freight update [here](#).

### Updates from distributors

Distributors are the main source. DeRoyal is working with distributors on allocation.

## Product shortage

Cardinal Health 200:

- Cardinal products continue to experience supply challenges due to a new production machine for CRD canisters. CRD recovery expectation is delayed to spring 2023. Guardian canister, Cardinal's highest volume line, is showing almost full recovery. Flex line is now projected for recovery in spring 2023.

DeRoyal Industries:

- DeRoyal will continue SKU consolidation/palletization through at least April 2023 and is currently unable to take on new customers.

## Regulatory issues

No supplier issues are expected with the Uyghur Forced Labor Prevention Act (UFLPA), which goes into effective June 21. Pres. Biden signed the UFLPA into law on Dec. 23.

This UFLPA imposes importation limits on goods produced using forced labor in China, especially the Xinjiang Uyghur Autonomous Region (XUAR), and imposes sanctions related to such forced labor.

The U.S. Customs and Border Protection (CBP) will ban imports unless an importer can prove that goods are not mined, produced or manufactured from the XUAR using forced labor.

Vizient's supplier agreement templates require suppliers to be in compliance with all applicable laws. Individual agreements may be accessed through the Vizient Catalog.

Vizient will continue to monitor the implementation of this law and any categories/products it will affect and provide notifications as appropriate.

## Utilization insights

*Factors affecting use of products in this category*

### Cross-reference

Cross-referencing is available for the top products in this category [here](#).

### Conservation strategies

None published at this time

No additional conservation strategies per networks

If your organization has implemented conservation strategies for Suction Canisters, or any other category, please share your information [here](#). The information you share will be anonymous unless you grant Vizient permission to share.

### Clinical/nonclinical updates

Medical suction and the management of collected fluids are essential and ubiquitous activities for care of patients across the care continuum. As medical suction and fluid management technology have rapidly evolved and become available using a wide variety of devices, minor and serious adverse events have occurred without raising a global alert about the risk to patients. Human error, transmission of infection, excessive negative pressure and equipment failure are the most common causes of adverse events.

For additional information, click [here](#).

### Impact on related categories

No impact on related categories

## Vizient insights

*Factors related to Vizient contracting activity, supply chain programs, category resources, workplan, data and analytics*

### Supply chain programs

DeRoyal is the Novaplus® supplier but due to the constrained situation is not participating at this time.

### Contracting strategy

Contracts are being managed and do not expire until June 2024.

### Clinical contract support resources

None available at this time

### Vizient advocacy

Vizient regularly engages with the Food and Drug Administration (FDA) and other federal agencies and policymakers as appropriate, to communicate the various supply chain challenges that our members are facing. This includes providing information such as fill rate or purchase order data, known or anticipated supply chain disruptions and recommendations regarding possible mitigation strategies. Visit [Supply Chain Assurance Advocacy](#) for more information.



For support with urgent sourcing disruptions, contact Kylie Taylor, Sr. Project Manager, Supply Assurance at [supplyassurance@vizientinc.com](mailto:supplyassurance@vizientinc.com)

As the nation's largest member-driven health care performance improvement company, Vizient provides solutions and services that empower health care providers to deliver high-value care by aligning cost, quality and market performance. With analytics, advisory services and a robust sourcing portfolio, we help members improve patient outcomes and lower costs.

## Cross-Reference

Product No.	Supplier	Description	Crossed product No.	Crossed supplier	Contract No.
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	1202DSP 050	Bemis Manufacturing Co	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	20-08-0016	Allied Healthcare Products Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	43203-01	Hospira Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	434410	Bemis Manufacturing Co	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	484410	Bemis Manufacturing Co	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	8002-055	Bemis Manufacturing Co	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	AE-6974	Armstrong Medical Industries Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	BM424410	Sentech Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	178B	MADA Medical Products Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	424410	Bemis Manufacturing Co	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	4320301	Amsino International Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	592041	Bemis Manufacturing Co	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	71-3017	DeRoyal Industries Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	7305D-633	Medical Depot Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	883000	Laerdal Medical Corp	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	ACC-001	CSA Medical Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	BM50251910	Cardinal Health Inc.	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	DYNDSC1500	Medline Industries Inc. (Mfr)	N/A
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	S1160B-RPL	Allied Healthcare Products Inc.	N/A

Product No.	Supplier	Description	Crossed product No.	Crossed supplier	Contract No.
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	502519-	Precision Medical Inc.	MS5003
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	502519	Precision Medical Inc.	MS5003
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	65651-312	Cardinal Health Inc. (Mfr)	MS7602
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	65651-395	Cardinal Health Inc. (Mfr)	MS7602
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	65651-412	Cardinal Health Inc. (Mfr)	MS7602
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	V71-1105	DeRoyal Industries Inc.	MS7604
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	V71-3001	DeRoyal Industries Inc.	MS7604
65651-212	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc Lid Blue Hard Adapter Auto Shutoff Valve Locking Disposable Guardian Medi Vac	OR212	Medline Industries Inc. (Mfr)	N/A
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	494410	Bemis Manufacturing Co	N/A
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	2002DSP 050	Bemis Manufacturing Co	N/A
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	434410	Bemis Manufacturing Co	N/A
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	435410	Bemis Manufacturing Co	N/A
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	494410	Bemis Co Inc.	N/A
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	DYNDSC2400	Medline Industries Inc. (Mfr)	N/A
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	LS7020	Medical Resources Inc.	N/A
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	V32060101	Hospira Inc.	N/A
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	TPDC1800	Zimmer Biomet	CE7302
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	V71-1105	DeRoyal Industries Inc.	MS7604
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	V71-1107	DeRoyal Industries Inc.	MS7604
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	71-6510	DeRoyal Industries Inc.	MS7604

Product No.	Supplier	Description	Crossed product No.	Crossed supplier	Contract No.
65651-220	Cardinal Health Inc. (Mfr)	Canister Suction 2000cc Hard Locking Lid Auto Overflow Shutoff Valve Adapter Rigid Blue Orthopedic Accessory Port Disposable Guardian	OR220	Medline Industries Inc. (Mfr)	N/A
65651-230	Cardinal Health Inc. (Mfr)	Canister Suction 3000cc 90deg Adapters Hard Locking Lid Auto Overflow Shutoff Valve 1 Port Without Tubing Disposable Guardian Medi-Vac	3002-055	Bemis Manufacturing Co	N/A
65651-230	Cardinal Health Inc. (Mfr)	Canister Suction 3000cc 90deg Adapters Hard Locking Lid Auto Overflow Shutoff Valve 1 Port Without Tubing Disposable Guardian Medi-Vac	3002DSP 050	Bemis Manufacturing Co	N/A
65651-230	Cardinal Health Inc. (Mfr)	Canister Suction 3000cc 90deg Adapters Hard Locking Lid Auto Overflow Shutoff Valve 1 Port Without Tubing Disposable Guardian Medi-Vac	3025 055	Bemis Manufacturing Co	N/A
65651-230	Cardinal Health Inc. (Mfr)	Canister Suction 3000cc 90deg Adapters Hard Locking Lid Auto Overflow Shutoff Valve 1 Port Without Tubing Disposable Guardian Medi-Vac	DYNDSC2400	Medline Industries Inc. (Mfr)	N/A
65651-230	Cardinal Health Inc. (Mfr)	Canister Suction 3000cc 90deg Adapters Hard Locking Lid Auto Overflow Shutoff Valve 1 Port Without Tubing Disposable Guardian Medi-Vac	0502100000	Stryker Corp	CE7343
65651-230	Cardinal Health Inc. (Mfr)	Canister Suction 3000cc 90deg Adapters Hard Locking Lid Auto Overflow Shutoff Valve 1 Port Without Tubing Disposable Guardian Medi-Vac	65651-430	Cardinal Health Inc. (Mfr)	MS7602
65651-230	Cardinal Health Inc. (Mfr)	Canister Suction 3000cc 90deg Adapters Hard Locking Lid Auto Overflow Shutoff Valve 1 Port Without Tubing Disposable Guardian Medi-Vac	V71-1107	DeRoyal Industries Inc.	MS7604
65651-230	Cardinal Health Inc. (Mfr)	Canister Suction 3000cc 90deg Adapters Hard Locking Lid Auto Overflow Shutoff Valve 1 Port Without Tubing Disposable Guardian Medi-Vac	OR230	Medline Industries Inc. (Mfr)	N/A
65651-395	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc With L6ft Dia5mm Patient And L18in Dia5mm Vacuum Tubing With Large Volume Assembly Lid Reattached	20-08-0007	Allied Healthcare Products Inc.	N/A
65651-395	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc With L6ft Dia5mm Patient And L18in Dia5mm Vacuum Tubing With Large Volume Assembly Lid Preattached	43204-02	Hospira Inc.	N/A
65651-395	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc With L6ft Dia5mm Patient And L18in Dia5mm Vacuum Tubing With Large Volume Assembly Lid Preattached	485410	Bemis Manufacturing Co	N/A
65651-395	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc With L6ft Dia5mm Patient And L18in Dia5mm Vacuum Tubing With Large Volume Assembly Lid Preattached	71-3011	DeRoyal Industries Inc.	N/A
65651-395	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc With L6ft Dia5mm Patient And L18in Dia5mm Vacuum Tubing With Large Volume Assembly Lid Preattached	7852	Medline Industries Inc. (Mfr)	N/A
65651-395	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc With L6ft Dia5mm Patient And L18in Dia5mm Vacuum Tubing With Large Volume Assembly Lid Preattached	DYND44703	Medline Industries Inc. (Mfr)	N/A
65651-395	Cardinal Health Inc. (Mfr)	Canister Suction 1200cc With L6ft Dia5mm Patient And L18in Dia5mm Vacuum Tubing With Large Volume Assembly Lid Preattached	OR395	Medline Industries Inc. (Mfr)	N/A
65651-515	Cardinal Health Inc. (Mfr)	Liner Suction 1500cc Semirigid Audible Locking Lid Orthopedic Port Disposable CRD	V71-6515	DeRoyal Industries Inc.	MS7604
65651-515	Cardinal Health Inc. (Mfr)	Liner Suction 1500cc Semirigid Audible Locking Lid Orthopedic Port Disposable CRD	71-6515	DeRoyal Industries Inc.	MS7604
65651-515	Cardinal Health Inc. (Mfr)	Liner Suction 1500cc Semirigid Audible Locking Lid Orthopedic Port Disposable CRD	OR515	Medline Industries Inc. (Mfr)	N/A
65651-920C	Cardinal Health Inc. (Mfr)	Liner Suction 1500cc 1 Piece Flexible Permanently Attached Lid Disposable Flex Advantage	43025-01	Hospira Inc.	N/A



Product No.	Supplier	Description	Crossed product No.	Crossed supplier	Contract No.
65651-920C	Cardinal Health Inc. (Mfr)	Liner Suction 1500cc 1 Piece Flexible Permanently Attached Lid Disposable Flex Advantage	1504	Bemis Manufacturing Co	N/A
65651-920C	Cardinal Health Inc. (Mfr)	Liner Suction 1500cc 1 Piece Flexible Permanently Attached Lid Disposable Flex Advantage	43042-01	Hospira Inc.	N/A
65651-920C	Cardinal Health Inc. (Mfr)	Liner Suction 1500cc 1 Piece Flexible Permanently Attached Lid Disposable Flex Advantage	43044-01	Amsino International Inc.	N/A
65651-920C	Cardinal Health Inc. (Mfr)	Liner Suction 1500cc 1 Piece Flexible Permanently Attached Lid Disposable Flex Advantage	71-6515	DeRoyal Industries Inc.	MS7604
65651-920C	Cardinal Health Inc. (Mfr)	Liner Suction 1500cc 1 Piece Flexible Permanently Attached Lid Disposable Flex Advantage	DYNDSC1500	Medline Industries Inc. (Mfr)	N/A
K86	Cardinal Health Inc. (Mfr)	Handle Surgical Suction Lightweight Bulbous Tip Disposable For Yankauer Medi-Vac	40600	Covidien Ltd	N/A
K86	Cardinal Health Inc. (Mfr)	Handle Surgical Suction Lightweight Bulbous Tip Disposable For Yankauer Medi-Vac	71-D886	DeRoyal Industries Inc.	MS7604