

## **Bulletin 2025.1** **Guidance on Recent Parker Velcon** **Product Safety Awareness Bulletins** **July 8, 2025**



On June 23, 2025, Parker Velcon issued a Product Safety Awareness Bulletin notifying the industry that 6-inch diameter filter gaskets from one of their suppliers needed to be recalled. This first notice only addressed elements in storage. On July 7, 2025, Parker Velcon issued a second Bulletin directing customers to inspect in-service elements and replace affected products.

Airlines for America (A4A) is issuing this notice to draw awareness to these Parker Velcon Product Safety Awareness Bulletins. All sites operating to ATA103 must inspect their filter stock to identify any affected products and contact Parker Velcon for assistance in replacing those products. Additionally, in-service elements whose part numbers and date of element change fall within the specified range shall be inspected. Instructions for this inspection and criteria for replacement are included in the Parker Product Safety Awareness Bulletin dated July 7, 2025. These in-service elements should be visually inspected as soon as practicable or no later than October 15, 2025, in accordance with instructions provided by Parker. Inspections and any element replacements must be documented on ATA form 103.09A and/or 103.09B

As always, sites are reminded of the importance of adhering to all standard quality practices including vessel sump condition monitoring, differential pressure monitoring and correction, and attention and prompt reporting of any changes from normal.

### Attachments to this Bulletin:

Parker Velcon Product Safety Awareness Bulletin – First Notice; Subject: Gaskets on Fuel Filter Elements (Open Ended Coalescers, Separators, and various other Fuel Elements);  
Dated: June 23, 2025

Parker Velcon Product Safety Awareness Bulletin – Second Notice; Subject: Gaskets on Fuel Filter Elements (Open Ended Coalescers, Separators, and various other Fuel Elements);  
Dated: July 7, 2025

Questions or requests for further information should be submitted to [fuel@airlines.org](mailto:fuel@airlines.org)

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## Product Safety Awareness Bulletin – First Notice

**Subject: Gaskets on Fuel Filter Elements** (Open Ended Coalescers, Separators, and various other Fuel Elements)

**Manufactured: January 1, 2025 – June 20, 2025**

### Identification

Parker Velcon has received a few notifications of the distortion of the fuel filter gasket (as identified below) upon removal of the element from the vessel. A greenish hue discoloration of the fuel has been reported after commissioning and/or flushing the filter element. This issue specifically affects the below list of filters elements manufactured between January 1, 2025, and June 20, 2025.

### Cause

Parker Velcon was made aware of this on June 18, 2025. Upon further investigation with our suppliers, we have determined that the gaskets from one supplier should be recalled and that the base material is likely the cause of the distortion. The distortion has been traced back to material in the sealing gasket 05-061 used on multiple elements manufactured in our Sylacauga, AL location. Parker Velcon has two suppliers for this 05-061 gasket. There is no concern with one of our suppliers, and elements made with that gasket are 100% able to be used.

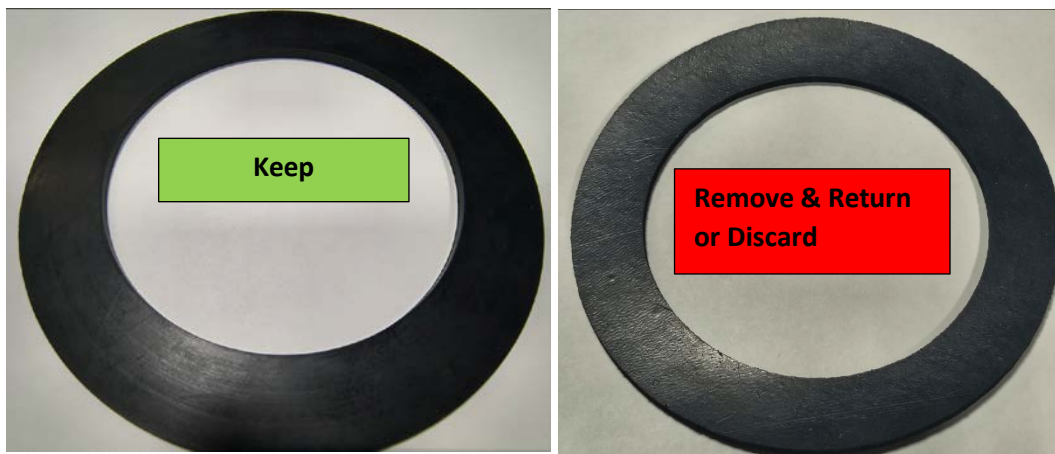
The picture below is an example of the distortion reported on June 18, 2025.



## Actions Required – Inspection of New Inventory

1. **Manufacturing Date Verification:** Pay particular attention to the manufacturing dates of any element on the attached effected parts list before being shipped or used. These dates are printed on the shipping carton, element sealed polybag and end cap of each element. The date format is MM/DD/YY (i.e.: 01-31-25).

**Inspect your inventory for effected Elements:** If any elements are within the manufactured dates of January 1, 2025, and June 20, 2025, inspect them and DO NOT SHIP any elements that have the gasket considered “Remove & Return or Discard” in the below picture. If the element has the gasket considered “Keep” in the picture below, those elements can be used with no concern of distortion. The two gaskets can be visually inspected to determine which ones can be used and which ones should not be used. The “Keep” gaskets will have a smooth surface finish and sharp cut edges on the Outer and Inner Diameters. The “Remove & Return or Discard” gaskets will have a rough surface texture like leather. The edges are not as sharp but appear to be slightly jagged. Please contact Parker Velcon as soon as possible for assistance. Replacement elements filters will be provided for all elements with the effected gaskets. We are still gathering information and will continue to investigate to provide a more detailed notice and instructions as soon as we can.



Please contact our office at [vfsales@parker.com](mailto:vfsales@parker.com) or call 800-531-0180 should you have any questions or concerns.

## List of Effected Filter Elements

Elements that use 05-061 Gaskets			
Finished Element	Finished Part	Finished Part	Finished Part
ACO-60801P	I-63885	SO-616PLF3@	SO-633C@@
ACO-60801R	I-63887	SO-616VA5	SO-633CCF
ACO-61401P	I-638C5	SO-618AC	SO-633CSN
ACO-61401R	I-638MM	SO-618VA	SO-633PLBZ
ACO-62901P	I-64485	SO-618VA5	SO-633PLBZZ
ACO-62901R	I-64487	SO-618VASN	SO-633PLF3
ACO-63301P	I-64487Z	SO-620C	SO-633PLF3CUT
ACO-63301R	I-644C5	SO-620C@	SO-633VA
ACO-64401L	I-644MM	SO-622AC	SO-633VA5
ACO-64401P	I-644MMT	SO-622PLBZ	SO-633VASN
ACO-64401R	I-65685	SO-622PLF3CUT	SO-633VSN
ACOX-61401	I-65687	SO-622VA5	SO-636CSN
ACOX-614A	I-65687Z	SO-623C	SO-636SM
ACOX-614B	I-656C5	SO-623C@	SO-636SNA
ACOX-62901	I-656MM	SO-623CSN	SO-636VA
ACOX-629A	I-656MMT	SO-623VA	SO-636VA5
ACOX-629B	SO-605AC	SO-623VA@	SO-636VASN
ACOX-633A	SO-606C	SO-623VA5	SO-638VA5
ACOX-644A	SO-606CSN	SO-623VASN	SO-640C
ACOX-644B	SO-606VA	SO-624CCCF	SO-640CM
I-61485	SO-608C	SO-624VA	SO-640CSN
I-61485CD	SO-609SNA	SO-624VA5	SO-640VA
I-61485RA	SO-609VA	SO-624VASN	SO-640VA5
I-61487	SO-609VA5	SO-627C	SO-640VASN
I-614A4	SO-609VASN5	SO-627VA5	SO-643C
I-614C5	SO-611C	SO-629C	SO-643C@
I-614MM	SO-611CSN	SO-629CK	SO-643C@@
I-614MMT	SO-611PLF3	SO-629CS	SO-643C@@@
I-614STD	SO-611VA5	SO-629CSN	SO-643CCF
I-618A4	SO-611VASN5	SO-629CSP	SO-643CZ
I-620MM	SO-612AC	SO-629CZ	SO-643PLF3
I-620MM@	SO-612VA	SO-629PLBZ	SO-643VA
I-62285	SO-612VA5	SO-629PLF3	SO-643VA5
I-62287	SO-614C	SO-629PLF3BC	SO-643VASN
I-622C5	SO-614CB1	SO-629PLF3CCF	SO-644CA
I-622MM	SO-614CB1@	SO-629PLF3CUT	SO-644CSN
I-62885	SO-614CR	SO-629VA	SO-644PLBZ
I-62887	SO-614CSN	SO-629VA5	SO-644PLBZZ
I-62887Z	SO-614PLF3	SO-629VASN	SO-644VA
I-628A4	SO-614PLF3Z	SO-630C	SO-644VA5
I-628C5	SO-614VA5	SO-630C@	SO-644VASN
I-628JF5	SO-614VA5*	SO-630CFR	SO-646VA5
I-628MM	SO-614VASN	SO-630CSN	SO-648C
I-63385	SO-614VASN5	SO-630VA	SO-648CSN
I-63387	SO-616C	SO-630VA5	SO-648VA
I-633C5	SO-616CSN	SO-633C	SO-648VA5
I-633MM	SO-616PLF3	SO-633C@	SO-656VA5
I-633MMT			



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## Product Safety Awareness Bulletin – Second Notice

**Subject: Gaskets on Fuel Filter Elements** (Open Ended Coalescers, Separators, and various other Fuel Elements)

**Manufactured: January 1, 2025 – June 20, 2025**

### Identification

Parker Velcon has received a number of notifications of the distortion of the fuel filter gasket (as identified below) upon removal of the element from the vessel. A greenish hue discoloration of the fuel was reported after commissioning and/or flushing the filter element. This issue specifically affects shipments of the below list of filter elements manufactured between January 1, 2025, and June 20, 2025. This attached list of affected elements has been reduced from the prior list based on part numbers built and shipped during this time from our manufacturing facility.

### Cause

Parker Velcon was made aware of this issue on June 18, 2025. Upon further investigation with our suppliers, we have determined that the gaskets from one supplier are in question and that the base material is likely the cause of the distortion. The distortion has been traced back to material in the sealing gasket 05-061 used on multiple elements manufactured in our Sylacauga, AL location. Parker Velcon has two suppliers for this 05-061 gasket. There is no concern with one of our suppliers, and elements made with that gasket have no known issues and may be used.

The picture below is an example of the distortion that was reported on June 18, 2025.

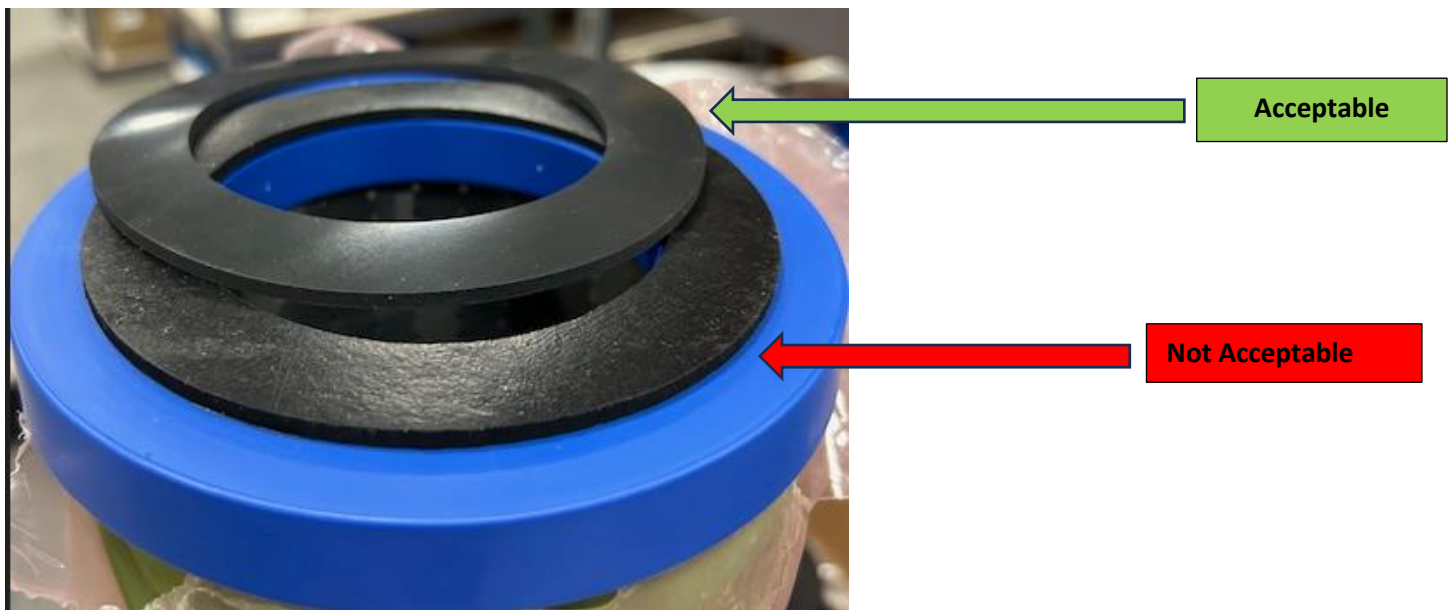
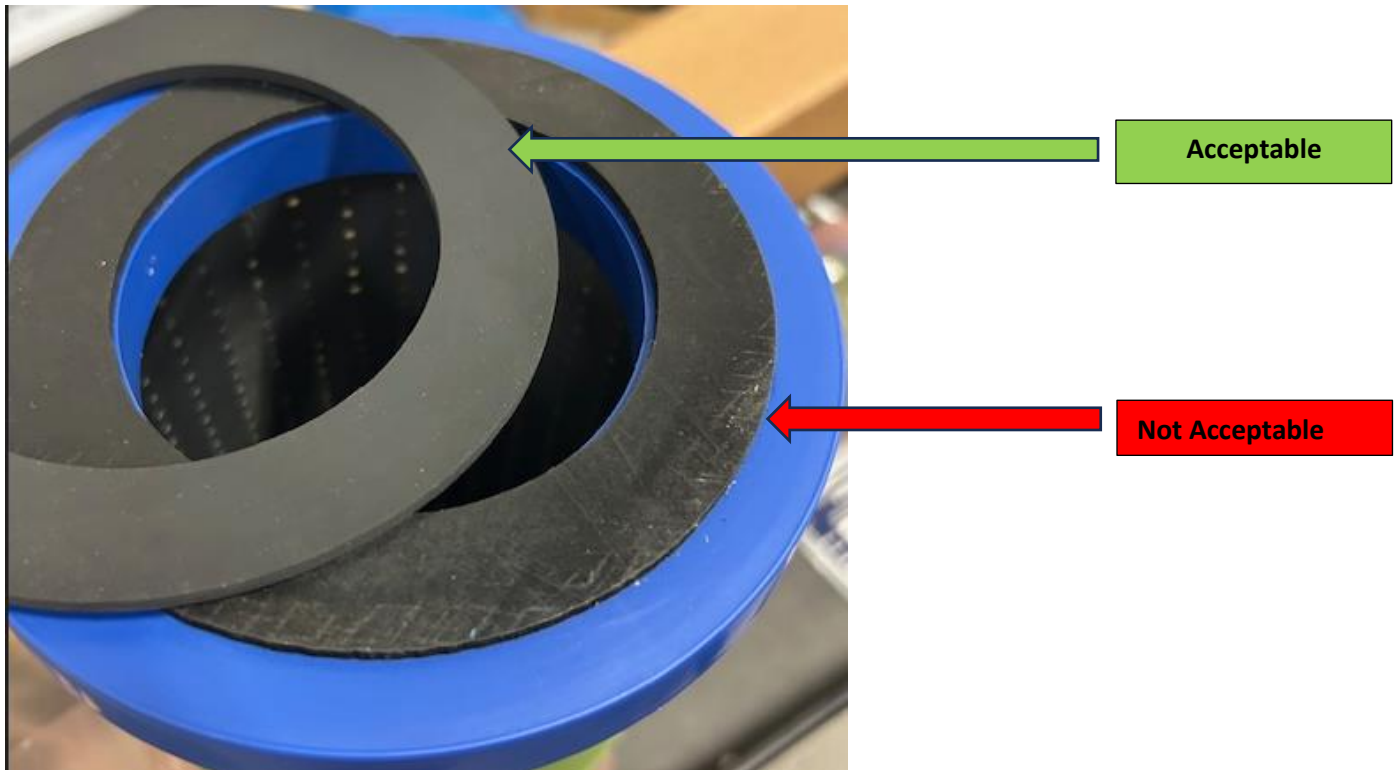


### Actions Required – Inspection of New Inventory

1. **Manufacturing Date Verification:** Pay particular attention to the manufacturing dates of any element on the attached revised affected parts list before shipping or using. These dates are printed on the shipping carton, element sealed polybag and end cap of each element. The date format is MM/DD/YY (i.e.: 01/31/25).
2. **Inspect your inventory for effected Elements:** If any elements are within the manufactured dates of January 1, 2025, and June 20, 2025, inspect them and DO NOT SHIP any elements that have the gasket similar to the gasket labeled “Not Acceptable” in the below picture. If instead the element has the gasket similar to “Acceptable” in the picture below, it may be used with no concern of distortion. The two gaskets can be visually inspected to determine which can be used and which should be quarantined. The “Acceptable” gaskets will have a smooth surface finish and sharp cut edges on the Outer and Inner Diameters. The “Not Acceptable” gaskets will have a rough surface texture, similar to leather. The edges are not as sharp but appear to be slightly jagged. Please contact Parker Velcon as soon as possible for assistance. Replacement filter elements or rework will be provided for all elements with the affected gaskets.



**Additional Pictures of gaskets showing visual differences:**



For questions or additional technical information, please contact your Parker Velcon Distributor, Parker Velcon Territory Manager or Velcon Customer Service at [afd.velcon.support@support.parker.com](mailto:afd.velcon.support@support.parker.com)

## Remediation Measures

To address this issue, Parker Velcon has implemented the following measures:

1. **Inventory Inspection:** All gaskets in inventory at our factory have been quarantined. All work in process and finished elements using this gasket have also been quarantined. All inventory of gaskets and finished elements were inspected to ensure that no other products leave our facility.
2. **Inventory Correction:** All inventory of “**Not Acceptable**” gaskets have been removed from our manufacturing facility and all finished goods have been repaired to ensure that the “**Acceptable**” gaskets are on all product in our facility.
  - Elements built within this date range at our facility will have a verified sticker located on the box label and/or on the bag holding the element based on the individual part number. See picture below showing sticker and placement on packaging.



3. **Corrective Action Plan:** A Corrective Action Plan was initiated on June 20, 2025, immediately after identifying the root cause.
  - This plan includes working with our supplier to ensure that the gaskets coming to our facility meet our specifications and quality expectations.
  - All incoming inventory of gaskets are being tested prior to being released to the manufacturing plant for use.
  - All other part numbers coming from that supplier is also being reviewed and tested.
4. **Process Improvement:** Engineering, Supply Chain, and Quality have implemented work instructions that will prevent any reoccurrence of this issue in the future.

## Testing actions performed by Parker Velcon

1. Fuel Soak testing of gaskets.
2. Fuel Soak testing of Compressed elements assembled in housings.
3. Consulted Governing Operations Standards Bodies (A4A, JIG, CSA and IATA) to determine testing requirements.
4. Fluid Analysis of fuel after soak tests sent to an outside 3<sup>rd</sup> party fuel lab.
5. Performed tests as recommended by the Governing Operations Standards Bodies.
6. Various tests conducted confirms fuel in contact with the non-acceptable gasket continues to pass fuel quality requirements in accordance with ASTM D1655 Table 1 and DEFSTAN 91-091 Table 1.



## Recommended Actions for Distributors for Unused Elements

1. Elements and gaskets do not have any safety concerns in handling the components.
2. Collect and visually inspect all elements in stock on revised affected element list below.
3. Contact customer base to ship any unused elements back to your facility.
4. Promptly collect and visually inspect all unused elements returned from customer base.
5. Once identified, quarantine all elements with “**Not Acceptable**” gaskets.
6. Quantify the number of elements you have quarantined and inform Parker Velcon the quantity that you have in your possession.
  - a. Contact [AFD.velcon.support@support.parker.com](mailto:AFD.velcon.support@support.parker.com)
  - b. Provide Parker Velcon quantities on hand, part numbers, Manufacturing Date / WO #, and Customer PO# and/or Parker Sales Order # like the chart below

Quantity of Elements	Part Number	Mfg. Date / WO #	Cust PO # or Parker SO#

- c. Instructions for return will be provided upon contacting us.
  - d. If distributor rework is an option, we will provide guidance, specific instructions and materials to successfully complete the task under our manufacturer’s warranty procedures.
7. Based on the instructions below, our Customer/Users may be reaching out to you for support.
8. Please read the instructions below so that you are familiar with the recommended actions for our Customers/Users.

## Recommended Actions for Customers/Users with Unused Elements

1. Elements and gaskets do not have any safety concerns in handling the components.
2. Promptly collect and visually inspect all unused elements in stock on revised affected element list below.
3. Once identified, quarantine all elements with “Not Acceptable” gaskets.
4. Quantify the number of elements you have quarantined, contact your source/provider and return those products.
5. Replacement elements will be provided from the source you return the product to.

## Recommended Actions for Customers/Users with Elements Installed in Vessels

1. We are continuing to work with the Governing Operations Standards Bodies (A4A, JIG, CSA, and IATA) to collaborate on recommendations for any elements that are currently installed on vessels.
2. Testing is ongoing and results are being shared with Governing Operations Standards Bodies.
3. **Do you have equipment that was serviced with elements installed between January 1, 2025 through June 20, 2025?**
  - If yes... proceed to the next question
  - If no... no further action is required

#### 4. Do you have spare elements to replace any potential elements that may have “Not Acceptable” gaskets in vessels?

- If No...
    1. Contact your source/provider and inquire if they have replacement elements readily available to ship.
      - a) If yes...
        1. proceed to yellow highlighted actions below to inspect and or replace elements.
      - b) If no...
        1. Consider waiting until your source/provider has replacement elements readily available and you have in your possession. Parker Velcon will be expediting replacement element shipments to our distributor bases.
        2. Once you have spare elements on hand, proceed to yellow highlighted actions above to inspect and or replace elements.
  - If Yes...
    1. Parker Velcon recommends that any vessels that were serviced/elements installed during this time frame be inspected to determine which gaskets are on the elements.
    2. Parker Velcon recommends that any elements installed in vessels during this time frame with “Not Acceptable” gaskets be replaced with elements that have “Acceptable” gaskets installed.
      - a) Drain the filter vessel removing the spider support plate(s) and carefully remove the filter elements for inspection using clean gloves.
      - b) Only handle the elements by the endcaps avoiding any contact with the body of the elements.
      - c) Dry the gasket with a clean cloth to allow for a better visual of the gasket.
      - d) Determine if the gasket is acceptable or if non-acceptable as illustrated in the pictures above.
      - e) Elements with non-acceptable gaskets are required to be replaced.
      - f) Elements with gaskets that cannot be confirmed as acceptable should also be replaced.
      - g) Elements with acceptable gaskets can be reinstalled however only if handled carefully and no damage occurred during inspection.
5. Refer to your Operation Standards for further instructions for products installed in vessels and in use in the field.

**Reference Manufacturers Installation Instructions if elements are being replaced in the field:**

[Coalescer-Cartridge Installation Instructions](#)

[Separator Cartridge Installation Instructions](#)

[ACOX Cartridge Installation Instructions](#)

## Filter Element Replacement Procedure

### 1. Preparation:

- **Clean the Vessel:** Before installing new filter elements, ensure the vessel is wiped and cleaned to remove any potential contaminated fuel residual.

### 2. Filter Replacement:

- **Install New Filters:** Replace the filters with a new set of elements.
- **Perform Tests:** Conduct the necessary flushing, recirculation, and sampling tests in accordance with ATA-103, JIG, CSA B836-22, or other applicable operating standards.
- **Confirmation:** Once approved fuel samples are confirmed, proceed with the commissioning process.

## Revised List of Affected Filter Elements

Parts Shipped Jan 1, 2025 - June 20, 2025		
Part Number	Part Number	Part Number
ACO-60801R	SO-609VA5	SO-629VA
ACO-61401R	SO-609VASN5	SO-629VA5
ACO-62901R	SO-611C	SO-629VASN
ACO-64401R	SO-611PLF3	SO-630C
ACOX-614A	SO-611VA5	SO-630VA
I-61487	SO-612VA5	SO-630VA5
I-614A4	SO-614C	SO-633C
I-614C5	SO-614CB1	SO-633PLBZ
I-614MM	SO-614PLF3	SO-633PLF3
I-618A4	SO-614VA5	SO-633VA
I-620MM	SO-614VASN	SO-633VA5
I-62285	SO-614VASN5	SO-633VASN
I-622C5	SO-616C	SO-636VA
I-622MM	SO-616PLF3	SO-636VA5
I-62885	SO-616VA5	SO-638VA5
I-628C5	SO-618VA	SO-640VA5
I-628MM	SO-618VA5	SO-643C
I-633C5	SO-620C	SO-643VA
I-633MM	SO-622VA5	SO-643VA5
I-63885	SO-623C	SO-644CA
I-638C5	SO-623VA	SO-644PLBZ
I-638MM	SO-623VA5	SO-644VA
I-64485	SO-623VASN	SO-644VA5
I-644C5	SO-624VA5	SO-644VASN
I-644MM	SO-627VA5	SO-646VA5
I-65685	SO-629C	SO-648C
I-656C5	SO-629CSN	SO-648VA
SO-608C	SO-629PLBZ	SO-648VA5
SO-609VA	SO-629PLF3	