Flow Smart produces Advanced Detection Gaskets using our pedigree of polymers including:

**POLYSTEEL (TEFLON®)**

**BUNA EPDM**

**PLATINUM SILICONE**

**VITON®**

**P4D - THE FIRST PTFE X-RAY DETECTABLE COMPOUND**

Our Polymers are offered in various colors. Please inquire for standard and custom colors.

### Gasket Type Material Code Gasket Sizes Gasket Colors*

<table>
<thead>
<tr>
<th>Gasket Type</th>
<th>Material Code</th>
<th>Gasket Sizes</th>
<th>Gasket Colors*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Detection Gaskets start with “40”</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>MP Clamp G-PS PolySteel</td>
<td>050</td>
<td>1/2”</td>
<td>400</td>
</tr>
<tr>
<td>MPF Flanged U Buna</td>
<td>075</td>
<td>3/4”</td>
<td>500</td>
</tr>
<tr>
<td>BS Bevel Seat E EPDM</td>
<td>100</td>
<td>1”</td>
<td>600</td>
</tr>
<tr>
<td>JP John Perry SFY VitonA®</td>
<td>150</td>
<td>1.5”</td>
<td>800</td>
</tr>
<tr>
<td>Q Q-Line VGF Viton GF-600S®</td>
<td>200</td>
<td>2”</td>
<td>1000</td>
</tr>
<tr>
<td>I I-Line X Silicone</td>
<td>250</td>
<td>2.5”</td>
<td>1200</td>
</tr>
<tr>
<td>P4D - Poly for Detection**</td>
<td>300</td>
<td>3”</td>
<td></td>
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**- color selection based on gasket type and material, please call for details**

**- P4D - the first X-Ray detectable PTFE compound**
Advanced Detection Gaskets automatically detect polymer decomposition inside your process line!

Our Advanced Detection Program is larger than ever. We now offer:
- AS-568 O-RING
- Tri-Clamp Gaskets
- Flanged Gaskets
- Bevel Seat
- John Perry
- Q-Lines
- I-Line Gaskets

We can also make custom geometries.

Flow Smart’s Advanced Detection Gasket Program (ADG) identifies polymer particles that are in your product flow by signaling through standard X-Ray and metal detectors. So users are notified in “ADVANCE” of shipping packaged product to retail stores, diminishing costly and embarrassing product recall. With ADG Processors, we are able to locate gasket particles in-line using detectors.
Considerations when buying Advanced Detection Gaskets:

Materials:
- Buna
- EPDM
- Viton®
- Platinum Silicone
- Teflon®/PolySteel

Type and Size:
- Clamp
  - 1/2” thru 12”
- Flanged Clamp
  - 1” thru 12”
- I-Line
  - 1” thru 4”
- Bevel Seat
  - 1” thru 4”
- John R. Perry
  - 1” thru 4”
- Q-Line
  - 1” thru 4”
- AS-568 O-Rings

Color:
- Black
- Red
- Green
- Mustard
- Blue
- Purple
- White

* Teflon and Viton are registered trademarks of E. I. du Pont de Nemours and Company
ADVANCED DETECTION GASKET PART NUMBERS:

- Advanced Detection Gaskets start with "40"

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<td>050 1/2”</td>
<td>400 4” BK Black</td>
</tr>
<tr>
<td>40 MPF Flanged</td>
<td>U Buna</td>
<td>075 3/4”</td>
<td>500 5” RD Red</td>
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<tr>
<td>40 BS Bevel Seat</td>
<td>E EPDM</td>
<td>100 1”</td>
<td>600 6” BE Blue</td>
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<tr>
<td>40 JP John Perry</td>
<td>SFY VitonA*</td>
<td>150 1.5”</td>
<td>800 8” PE Purple</td>
</tr>
<tr>
<td>40 Q Q-Line</td>
<td>VGF Viton GF-600S®</td>
<td>200 2”</td>
<td>1000 10” WE White</td>
</tr>
<tr>
<td>40 I I-Line</td>
<td>X Silicone</td>
<td>250 2.5”</td>
<td>1200 12” MD Mustard</td>
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* - color selection based on gasket type and material, please call for details
**- P4D - the first X-Ray detectable PTFE compound

EXAMPLES:

40 MP U 200 RD — Advanced Detection Clamp Gasket Buna 2” Red
40 I E 150 BK — Advanced Detection I-Line Gasket EPDM 1.5” Black
40 MPF SFY 200 BE — Advanced Detection Flanged Gasket Viton 2” Blue
40 MP G-PS 50 — Advanced Detection PolySteel Gasket 1”