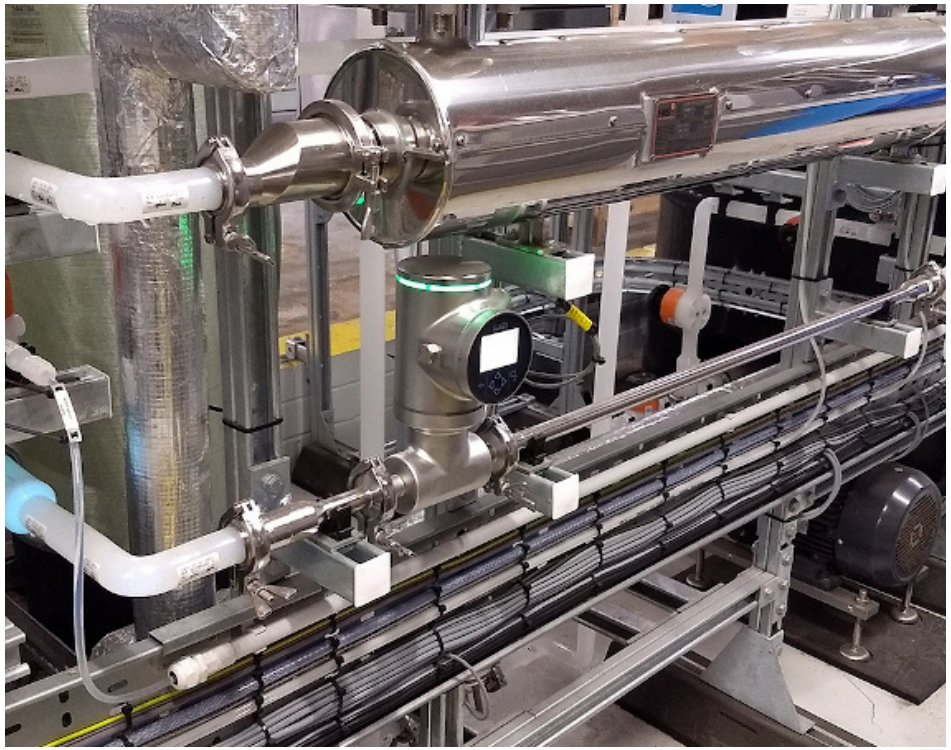
Fluid Path Products

Safety. Repeatability. American Made.



Solving Your EPDM Challenges

WHAT IS GOING ON INSIDE YOUR PROCESS PIPING?

YOU NEED TO KNOW, AND IT MATTERS TO YOUR HEALTHCARE PRODUCT. LEAVE YOUR EPDM GASKETS IN-PLACE FOR 2 YEARS USING GASKETS FROM FLUID PATH PRODUCTS.

We evaluated the two most commonly used EPDM clamp gaskets on the market and found that a short exposure to steam DESTROYED these products. Our team asked the question, “why are these gaskets so widely used”?

The answer from users were two-fold (1) most end users have not evaluated gasket performance immediately after installation, or during short term use and at the time of disassembly, and (2) they placed the gaskets in a closed system and didn’t open it for a year. They did not know that the gaskets were destroyed less than a week after use. If you’re asking, and hopefully you are, “how does that affect my biotech or pharmaceutical product?”

Here’s your answer that our third party study determined: The deformed gaskets created dams that restricted the flow of steam and ultimately shedded gasket particles into YOUR product. Restricting steam led to an inability to effectively sterilize the entirety of the interior of the process pipeline. One major biotech tried two of the most commonly used brands - their connections closed up and they could not achieve or prove sterilization, and thus could not validate their product. They did not stand idle but called for all EPDM clamp gaskets to run side-by-side tests. Our EPDM compound, which has been produced and utilized in the industry for over 2 decades, was the only product that maintained a fully open orifice throughout their pipeline. They were able to fully validate and get approvals by the FDA.

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How To Identify Low Performing Gaskets or Gasket Failure?

***Damming*: Difficulty steam sterilizing your process line due to bacterial growth**

***Shedding*: Contaminated finished products due to fragmented particles causing embolsim**

***Sticking to Ferrule Faces*: Excessive scraping and removal of residue causing delays in productio**

Fluid Path Product Vital Comparison

Competitor A: Gasket deformed and extruded .150 into the pipeline, large sections stuck to the ferrule faces.

Competitor B: Extruded into the ID .105” and required extensive prying to remove from the ferrule face that it was stuck to.

Competitor C: Consistent stickiness level of 3 and 4. The gasket maintained good dimensional sizing and appearance. Intrusion was as high .060, second lowest in the study.

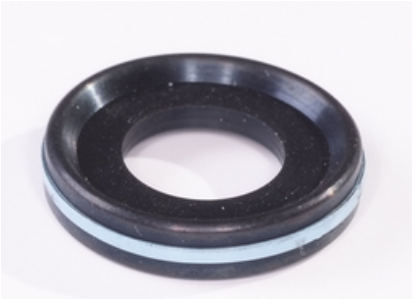
The gasket made of the EPDM used by Fluid Path Products performed the best and had minimum wear and stick. This is what your gasket should look like when you break a joint.

How Can We Help?

We encourage you to be intimate with what is happening INSIDE your pipeline. Ask your operators to examine the conditions of your components when you break your connection. Our EPDM makes a big difference and creates a comfort you need to have. Change to EPDM made by Fluid Path Products and open your system after a year, and you will see a like new gasket. Ask your team what they see now when they open your system. It's important that you know, your system looks like that after a week, not a year.

Contact us directly or on one of our distributors for to trial an EPDM gasket that makes a difference INSIDE your system and ultimately and most importantly, to your product.

We can apply our USP Class VI tested FDA compliant EPDM technology to many applications. Just ask and we will help.



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