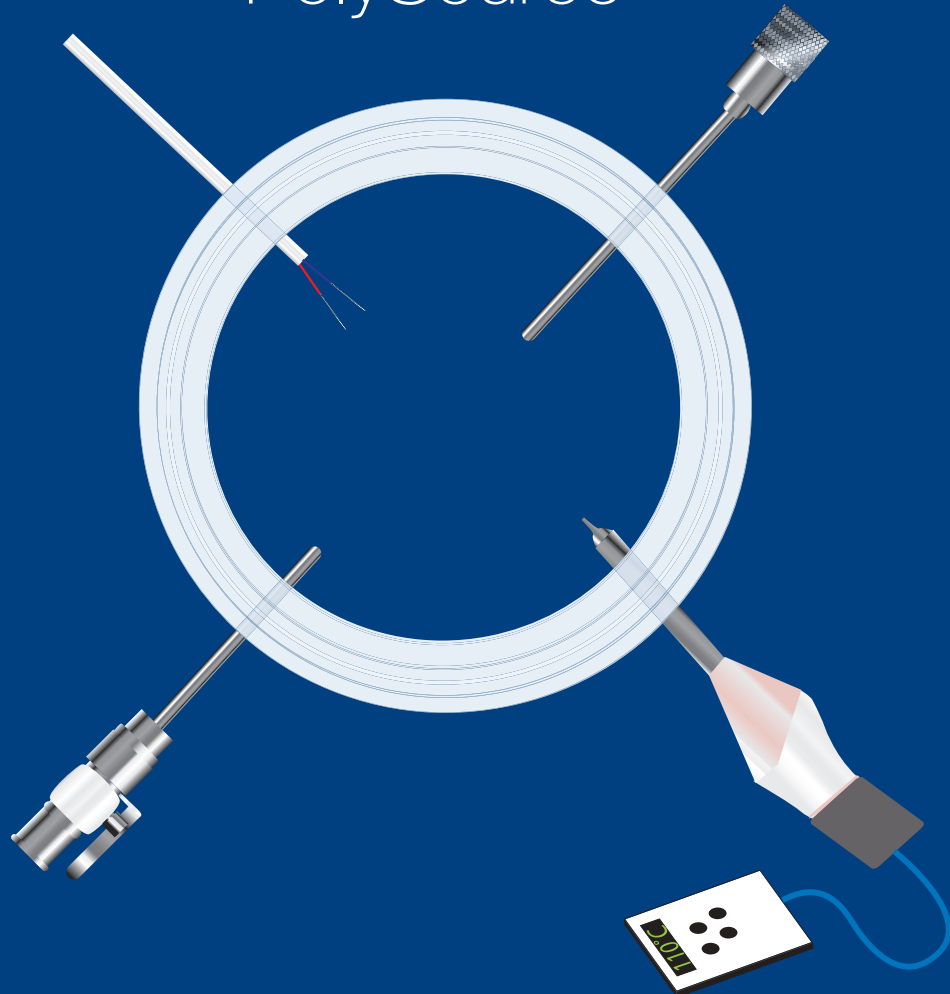




FlowSmart PolySource Gasket™ Validation System

Easy sampling and thermal mapping for
process validation throughout your line

PolySource™



Validate your high purity system

Using A Source Gasket for Thermal Analysis and Product Sampling.

FlowSmart® uses our pedigree of materials to produce the Source Gasket validation system. The Source Gasket allows you to gain access to your flow stream through a conventional sanitary connection by using Source Gasket and Source Clamp assembly.

The Source Gasket Validation System performs by combining a gasket that has 1, 2, 3, or 4 Ports combined with a FlowSmart clamp that is custom engineered to be wider and thicker to accept the Source Gasket, without sacrificing mechanical reliability. The assembly allows a thermocouple wire to be fed into the pipeline for thermal mapping or a tube can be inserted to draw samples of process fluids. Ingredients can be metered into the process flow through an injection tube.

Safety and performance improvement

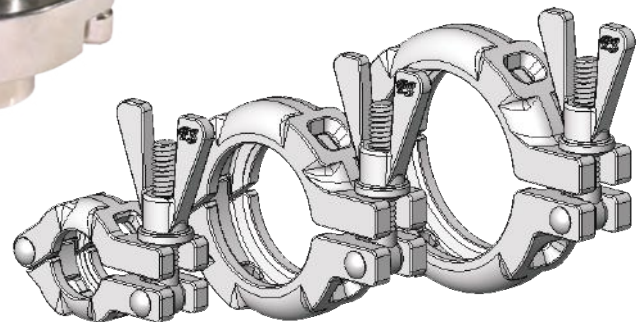
Using the Source Gasket for validation protects operators from steam burns and exposure. Thermocouple wires and sensors are placed into the desired area of a process stream and sealed completely from atmosphere for operator safety. Installation and assembly can be made quickly and efficiently simply by removing your standard clamp and gasket and placing the Source Clamp and gasket into the existing clamp ferrules. Wires are then easily fed through gasket ports into the process stream.

Sampling through a Source Gasket is easier than ever. Nothing more than an existing clamp connection is needed to target an area for process issues. The flexibility of the Source Gasket provides for isolated sampling without having to cut new ports in your pipe lines. No special welding or custom fittings are required, and no dead legs are created with the use of the Source Gasket.

The Source Gaskets are available in ½, ¾", 1", 1.5", 2", 2.5", 3" and 4" Sizes. Choose from 1, 2, 3, or 4 Ports in Platinum Silicon, EPDM or Viton. Source Gaskets are constructed of USP class VI tested and FDA compliant materials.



Use the FlowSmart Engineered Source Clamp Union to ensure integrity and mechanical reliability of the clamp/gasket assembly



1 PORT



2 PORT



3 PORT



4 PORT






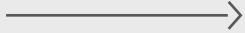
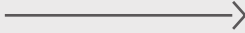
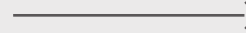
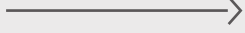
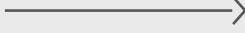
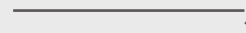
MINI

Part Number System

| PLATINUM SILICONE | 1-PORT | 2-PORT | 3-PORT | 4-PORT |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| 1/2" - 3/4" | G-TH-050-RXPX-1 | G-TH-050-RXPX-2 | G-TH-050-RXPX-3 | G-TH-050-RXPX-4 |
| 1" - 1.5" | G-TH-100-RXPX-1 | G-TH-100-RXPX-2 | G-TH-100-RXPX-3 | G-TH-100-RXPX-4 |
| 2" | G-TH-200-RXPX-1 | G-TH-200-RXPX-2 | G-TH-200-RXPX-3 | G-TH-200-RXPX-4 |
| 2.5" | G-TH-250-RXPX-1 | G-TH-250-RXPX-2 | G-TH-250-RXPX-3 | G-TH-250-RXPX-4 |
| 3" | G-TH-300-RXPX-1 | G-TH-300-RXPX-2 | G-TH-300-RXPX-3 | G-TH-300-RXPX-4 |
| 4" | G-TH-400-RXPX-1 | G-TH-400-RXPX-2 | G-TH-400-RXPX-3 | G-TH-400-RXPX-4 |

| EPDM | 1-PORT | 2-PORT | 3-PORT | 4-PORT |
|-------------|--------------|--------------|--------------|--------------|
| 1/2" - 3/4" | G-TH-050-E-1 | G-TH-050-E-2 | G-TH-050-E-3 | G-TH-050-E-4 |
| 1" - 1.5" | G-TH-100-E-1 | G-TH-100-E-2 | G-TH-100-E-3 | G-TH-100-E-4 |
| 2" | G-TH-200-E-1 | G-TH-200-E-2 | G-TH-200-E-3 | G-TH-200-E-4 |
| 2.5" | G-TH-250-E-1 | G-TH-250-E-2 | G-TH-250-E-3 | G-TH-250-E-4 |
| 3" | G-TH-300-E-1 | G-TH-300-E-2 | G-TH-300-E-3 | G-TH-300-E-4 |
| 4" | G-TH-400-E-1 | G-TH-400-E-2 | G-TH-400-E-3 | G-TH-400-E-4 |

| VITON | 1-PORT | 2-PORT | 3-PORT | 4-PORT |
|-------------|--------------|--------------|--------------|--------------|
| 1/2" - 3/4" | G-TH-050-V-1 | G-TH-050-V-2 | G-TH-050-V-3 | G-TH-050-V-4 |
| 1" - 1.5" | G-TH-100-V-1 | G-TH-100-V-2 | G-TH-100-V-3 | G-TH-100-V-4 |
| 2" | G-TH-200-V-1 | G-TH-200-V-2 | G-TH-200-V-3 | G-TH-200-V-4 |
| 2.5" | G-TH-250-V-1 | G-TH-250-V-2 | G-TH-250-V-3 | G-TH-250-V-4 |
| 3" | G-TH-300-V-1 | G-TH-300-V-2 | G-TH-300-V-3 | G-TH-300-V-4 |
| 4" | G-TH-400-V-1 | G-TH-400-V-2 | G-TH-400-V-3 | G-TH-400-V-4 |

| CLAMP | 1-PORT | 2-PORT | 3-PORT | 4-PORT |
|-------------|---|---|--|---------------|
| 1/2" - 3/4" |  |  |  | CL-TH-050-4M* |
| 1" - 1.5" |  |  |  | CL-TH-100-4M* |
| 2" |  |  |  | CL-TH-200-4M* |
| 2.5" | CL-TH-250-1 | CL-TH-250-2 | CL-TH-250-3 | CL-TH-250-4 |
| 3" | CL-TH-300-1 | CL-TH-300-2 | CL-TH-300-3 | CL-TH-300-4 |
| 4" | CL-TH-400-1 | CL-TH-400-2 | CL-TH-400-3 | CL-TH-400-4 |

* 0.5" to 2" assemblies utilize the FlowSmart Engineered 4M Clamp - designed specifically to be used with the FlowSmart Source Gasket

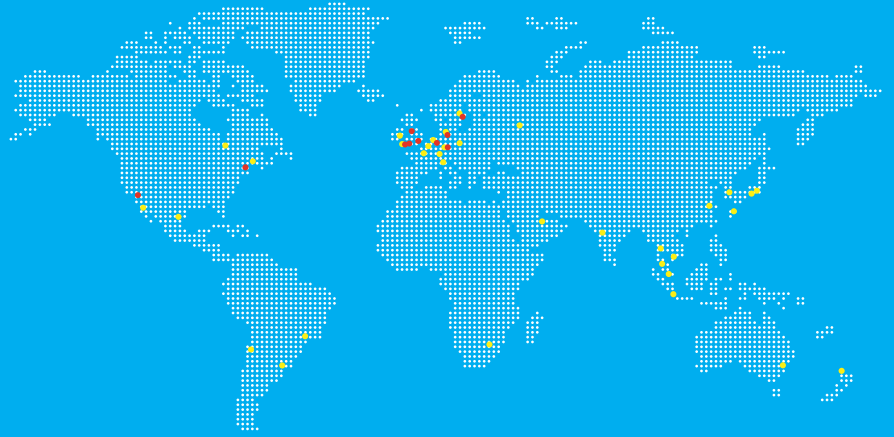


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