



**GMIGaskets®**

**GMISTrainerGaskets™, Tri-Clover® Style**

*USDA Project Number 13377, Officially Accepted for Use in Dairy Plants*



*USDA Accepted and Approved Strainer Gaskets, Tri-Clover® Style, are manufactured to the highest quality standards for use in Food and Dairy Plants and Other Processing Industry Plants from NBRs (Buna-N/Nitrile), EPs (EPDM), VMQs (Silicone), PTFE (Teflon®) and FKMs (Viton®) that are certified to FDA, USDA, 3-A Sanitary Standards, USP Class VI USP 27 <88> Biological Reactivity, In Vivo & USP MEM Cytotoxicity USP 27 <87> Biological Reactivity, In Vitro.*

**Strainer Barrier Data, Stainless Steel AISI 300 Series per ASTM A240/A240M**

Patent Pending: B1527.101.101, August 17, 2016

| Hole Diameter*, Staggered |        |         | Strainer Barrier Open Area Percent for Tri-Clover® Style Gasket Sizes and Number of Staggered Holes |       |       |       |       |       |       |
|---------------------------|--------|---------|---|-------|-------|-------|-------|-------|-------|
| Inches                    | Mm     | Microns | 1.0"  | 1.5"  | 2.0"  | 2.5"  | 3.0"  | 4.0"  | 6.0"  |
| 0.0250                    | 0.6350 | 635     | 17.51   | 19.32 | 20.14 | 20.71 | 21.02 | 21.48 | 21.92 |
| Number of Holes           |        |         | 212   | 580   | 1126  | 1860  | 2770  | 5050  | 11714 |
| 0.0330                    | 0.8380 | 838     | 16.99   | 19.21 | 19.93 | 20.74 | 21.09 | 21.47 | 21.82 |
| Number of Holes           |        |         | 118   | 331   | 640   | 1064  | 1586  | 2882  | 6696  |
| 0.0625                    | 1.5875 | 1588    | 15.48   | 15.82 | 19.45 | 20.04 | 20.59 | 21.47 | 21.56 |
| Number of Holes           |        |         | 30  | 76    | 174   | 288   | 434   | 792   | 18.44 |
| 0.0938                    | 2.3813 | 2381    | 20.93   | 22.50 | 27.17 | 27.88 | 28.63 | 29.57 | 30.87 |
| Number of Holes           |        |         | 18  | 48    | 108   | 178   | 268   | 494   | 1172  |
| 0.1250                    | 3.1750 | 3175    | 20.64   | 28.31 | 31.28 | 34.50 | 35.29 | 36.15 | 37.60 |
| Number of Holes           |        |         | 10  | 34    | 70    | 124   | 186   | 340   | 804   |
| 0.1875                    | 4.7625 | 4763    | 18.57   | 33.72 | 38.21 | 40.05 | 41.83 | 44.49 | 46.52 |
| Number of Holes           |        |         | 4   | 18    | 38    | 64    | 98    | 186   | 442   |
| 0.2500                    | 6.3500 | 6350    | 33.02   | 33.30 | 39.33 | 42.27 | 45.53 | 46.77 | 51.29 |
| Number of Holes           |        |         | 4   | 10    | 22    | 38    | 60    | 110   | 276   |



Standard Gasket color is Black, Other colors available on request..

\*Other hole dimensions and open areas are available on request. Other Style Strainers and Gaskets, e.g. BSI, Custom, DIN and ISO are available on request.

**GMIGaskets® are Laser engraved with their respective Industry Part Number, GMI Batch Number, Cure Date and Color Coded for identification and traceability.**

*These USDA Officially Accepted Strainer Gaskets are designed to eliminate any possibility of the elastomer material migrating into any exposed perforations within the Elastomer ID of the stainless steel strainer barrier.*

**Industry Reference Data**

| Material / Curing Agent     | NBR Sulfur  | EPDM Peroxide | VMQ (Silicone) Peroxide | VMQ (Silicone) Platinum | FKM (Viton®) Bisphenol |
|-----------------------------|-------------|---------------|-------------------------|-------------------------|------------------------|
| <b>Industry Part Number</b> | 40MP-UP(SB) | 40MP-EP(SB)   | 40MP-XP(SB)             | 40MP-RX-XP(SB)          | 40MP-SFYP(SB)          |

