



## **Technical Data Sheet – GT Expanded PTFE Gasket Tape**

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### **Description**

GT Gasket Tape is a high performance gasket material made of 100% expanded PTFE. It is a form-in-place gasket that conforms to almost any sealing surface. It is capable of withstanding a wide range of pressure, temperature and chemical environments. This product utilizes a double-coated tissue Pressure-Sensitive Adhesive to aid in installation.

### **Technical Data for PTFE Substrate**

GT Tape is manufactured from pure PTFE (Polytetrafluoroethylene) resin. Excluding the Pressure-Sensitive Adhesive, this product contains no other ingredients, fillers or additives.

#### General Specifications

|                             |   |
|-----------------------------|---|
| Pressure Range              | Full Vacuum to 3,000 psi  |
| Temperature Range           | -450°F to 525°F continuous<br>to 600°F intermittent   |
| Maximum P x T (psi x deg F) | 350,000   |
| pH Range                    | 0-14 (resistant to all common chemicals,<br>except molten alkali metals and elemental<br>fluorine)        |
| FDA                         | Compliant with FDA 21 CFR 177.1550<br>(PTFE resin) and 21 CFR 175.105<br>(adhesive) for contact with food |
| Stability                   | No Age Deterioration<br>Unlimited Shelf Life  |



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**Technical Data for Pressure Sensitive Adhesive and Release Liner**

Our Pressure Sensitive Adhesive is a double coated reinforced tissue tape that is coated on both sides with a high tack dead load synthetic-based adhesive system.

Specifications

|                                  |  |
|----------------------------------|--|
| Backing Tissue (in.)             | 0.001” thick   |
| Adhesive                         | Synthetic copolymer, permanent type  |
| Release Liner                    | 45 lb., 3 mil polypropylene, silicone-coated   |
| Thickness, Release Liner (in.)   | 0.003  |
| Thickness, Tape (in.)            | 0.0055   |
| Adhesion (ozs per inch of width) | 120  |
| Holding Power (min.)             | 5,000+   |
| Tack (in.)                       | 1  |
| Tensile Strength (lb./sq-in)     | 5  |
| Elongation (%)                   | 4  |
| Application Temperature (F)      | 60-120   |
| Temperature Range (F)            | 0-120  |
| Lift Edge                        | No   |
| FDA                              | Pressure Sensitive Adhesive complies with the Federal Food, Drug and Cosmetics Act, Title 21, Subpart B, Paragraph 175.105 which covers the use of pressure sensitive adhesive tapes for food. |



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**Available Standard Sizes**

| Width    | Thickness (in) |        |       |       |       |       |       |
|----------|----------------|--------|-------|-------|-------|-------|-------|
|          | 0.010          | 0.015  | 0.020 | 0.030 | 0.040 | 0.060 | 0.125 |
| 1/2"     | 100-ft         | 100-ft | 75-ft | 50-ft | 50-ft | 30-ft | 30-ft |
| 3/4"     | 100-ft         | 100-ft | 75-ft | 50-ft | 50-ft | 30-ft | 30-ft |
| 1"       | 100-ft         | 100-ft | 75-ft | 50-ft | 50-ft | 30-ft | 30-ft |
| 1.5"     | 100-ft         | 100-ft | 75-ft | 50-ft | 50-ft | 30-ft | 25-ft |
| 2"       | 100-ft         | 50-ft  | 75-ft | 50-ft | 50-ft | 30-ft | 25-ft |
| Up to 8" | *              | *      | *     | *     | *     | X     | X     |

Note: 1) other lengths available upon request  
2) X = not available  
3) \* = to be determined with customer