



### Tygon® E-1000 Inventoried Sizes

| Saint-Gobain Part Number | I.D. |      | O.D. |      | Wall Thickness |     | Length |    | Minimum Bend Radius |       | Maximum Working Pressure |              | Vacuum Rating of Mercury |            |
|--------------------------|------|------|------|------|----------------|-----|--------|----|---------------------|-------|--------------------------|--------------|--------------------------|------------|
|                          |      |      |      |      |                |     |        |    |                     |       | psi at 73°F              | bars at 23°C | inches at 73°F           | mm at 23°C |
|                          | In.  | mm   | In.  | mm   | In.            | mm  | Ft.    | m  | In.                 | mm    |                          |              |                          |            |
| ADK00003                 | 1/16 | 1.6  | 3/16 | 4.8  | 1/16           | 1.6 | 50     | 15 | 1/8                 | 3.2   | 26                       | 1.8          | 29.9                     | 760        |
| ADK00007                 | 1/8  | 3.2  | 1/4  | 6.4  | 1/16           | 1.6 | 50     | 15 | 3/8                 | 9.5   | 16                       | 1.1          | 29.9                     | 760        |
| ADK00012                 | 3/16 | 4.8  | 5/16 | 7.9  | 1/16           | 1.6 | 50     | 15 | 5/8                 | 15.9  | 10                       | 0.7          | 15                       | 381        |
| ADK00017                 | 1/4  | 6.4  | 3/8  | 9.5  | 1/16           | 1.6 | 50     | 15 | 1                   | 25.4  | 8                        | 0.6          | 7                        | 178        |
| ADK00019                 | 1/4  | 6.4  | 1/2  | 12.7 | 1/8            | 3.2 | 50     | 15 | 5/8                 | 15.9  | 14                       | 0.9          | 29.9                     | 760        |
| ADK00022                 | 5/16 | 7.9  | 7/16 | 11.1 | 1/16           | 1.6 | 50     | 15 | 1 3/8               | 34.92 | 7                        | 0.5          | 5                        | 127        |
| ADK00027                 | 3/8  | 9.5  | 1/2  | 12.7 | 1/16           | 1.6 | 50     | 15 | 1 3/4               | 44.45 | 7                        | 0.5          | 3                        | 76         |
| ADK00029                 | 3/8  | 9.5  | 5/8  | 15.9 | 1/8            | 3.2 | 50     | 15 | 1 1/8               | 28.57 | 11                       | 0.8          | 15                       | 381        |
| ADK00036                 | 1/2  | 12.7 | 5/8  | 15.9 | 1/16           | 1.6 | 50     | 15 | 2 7/8               | 73.02 | 6                        | 0.4          | 2                        | 51         |
| ADK00038                 | 1/2  | 12.7 | 3/4  | 19.0 | 1/8            | 3.2 | 50     | 15 | 1 3/4               | 44.45 | 8                        | 0.6          | 7                        | 178        |

More sizes available upon request.

### Relative Chemical Resistance Properties for Tygon® E-1000

| Acids |      |      | Bases |      |      | Salts | Alcohols | Ketones |
|-------|------|------|-------|------|------|-------|----------|---------|
| conc. | med. | weak | conc. | med. | weak |       |          |         |
| F     | E    | E    | E     | E    | E    | E     | F        | U       |

E = Excellent F = Fair U = Unsatisfactory \*All tests conducted at room temperature.

