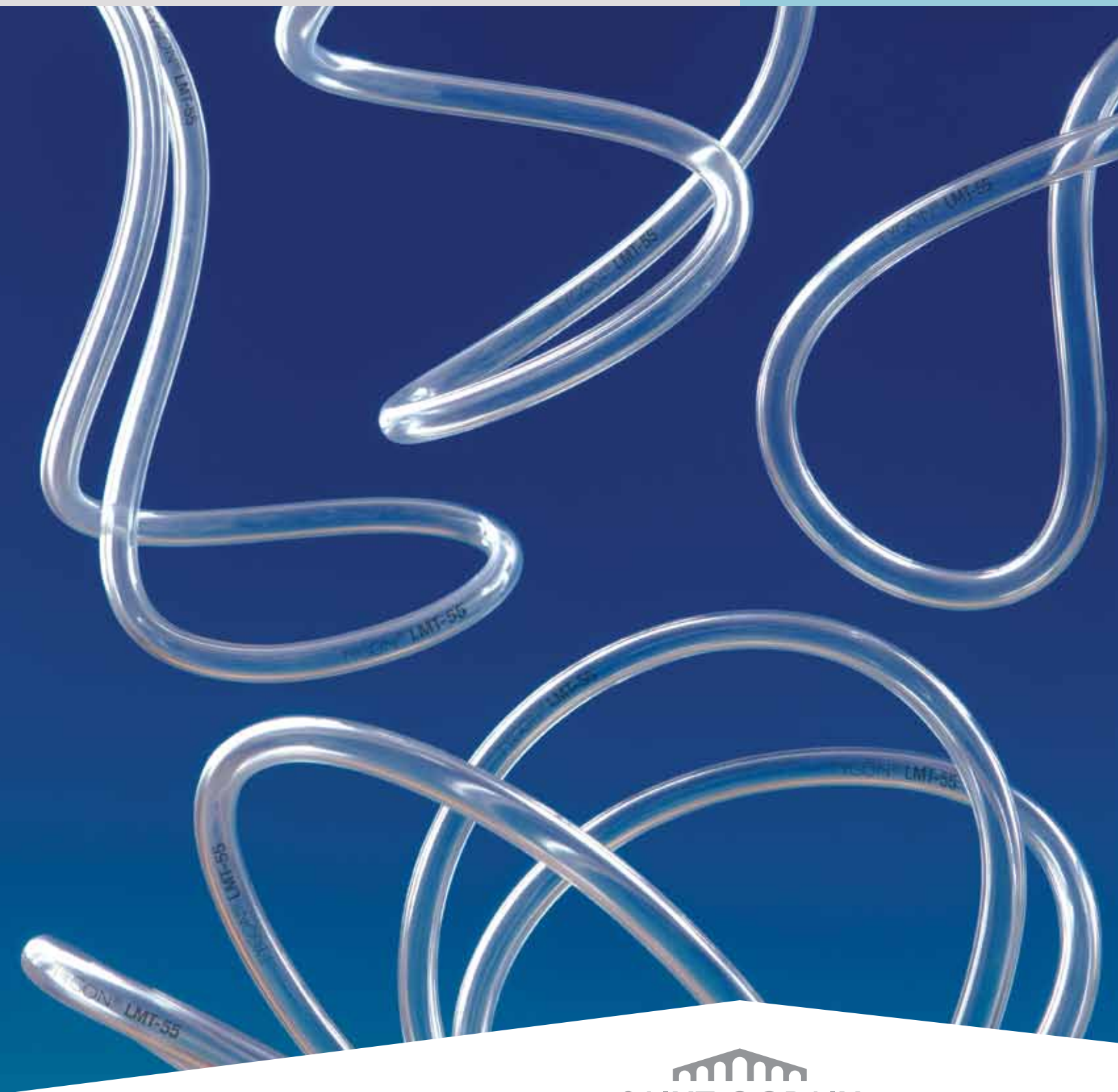


# TYGON<sup>®</sup> LMT-55

Let the Evolution Begin

NON-DEHP  
LABORATORY AND  
VACUUM TUBING



  
SAINT-GOBAIN

## Features/Benefits

- The new non-DEHP formulation delivers the same excellent performance
- Outstanding chemical resistance
- Lot-to-lot consistency for reproducible results
- Increases productivity in peristaltic pumps – outlasts other clear tubing 2 to 1
- Non-oxidizing and non-contaminating
- Smooth, polished inner wall
- Slips easily over fittings and grips securely for simple lab set-ups
- Contains no BPA
- Standard sizes available to hold full vacuum at room temperature

## Typical Applications

- General laboratory
- Analytical instruments
- Peristaltic and vacuum pumps
- Ideal for condensers, incubators, desiccators, gas lines and drain lines

### TYGON® LMT-55 Non-DEHP Tubing Typical Physical Properties

| Property                                                          | ASTM Method      | Value or Rating |
|-------------------------------------------------------------------|------------------|-----------------|
| Durometer Hardness Shore A, 15 Sec                                | D2240-02         | 55              |
| Color                                                             | –                | Clear           |
| Tensile Strength, psi (MPa)                                       | D412-98          | 1,650 (11.4)    |
| Ultimate Elongation, %                                            | D412-98          | 450             |
| Tear Resistance, lb-f/inch (kN/m)                                 | D1004-94         | 125 (22)        |
| Specific Gravity                                                  | D792-00          | 1.18            |
| Water Absorption, % 24 hrs. @ 23°C                                | D570-98          | 0.24            |
| Compression Set Constant Deflection, % @ 158°F (70°C) for 22 hrs. | D395-01 Method B | 61              |
| Brittleness By Impact Temp., °F (°C)                              | D746-98          | -58 (50)        |
| Maximum Recommended Operating Temp., °F (°C)                      | –                | 165 (74)        |
| Dielectric Strength, v/mil (kV/mm)                                | D149-97          | 608 (23.9)      |
| Tensile Modulus, at 100% elongation psi (MPa)                     | D412-98          | 650 (4.5)       |
| Tensile Set, %                                                    | D412-98          | 107             |

*Unless otherwise noted, all tests were conducted at room temperature (73°F/23°C). Values shown were determined on 0.075"/1.9 mm thick extruded strip or 0.075"/1.9 mm thick molded ASTM plaques or molded ASTM durometer buttons.*

# TYGON® LMT-55

## NON-DEHP LABORATORY AND VACUUM TUBING

### Let the Evolution Begin

Crystal clear and flexible, long-lasting and crack-resistant, new TYGON® LMT-55 Non-DEHP Laboratory and Vacuum Tubing delivers the same superior performance you've come to expect, but now in a formulation that contains a non-DEHP plasticizer. Replacing DEHP with a globally accepted substitute eliminates concerns about potentially harmful health effects from repeated exposure to high levels of DEHP leachates.

TYGON® LMT-55 Laboratory Tubing handles most inorganic chemicals found in the laboratory. It is non-oxidizing and non-contaminating, and less permeable than rubber tubing. The glassy-smooth inner bore helps prevent buildup to facilitate cleaning, and coils are marked at 1-foot (30.4 cm) intervals for easy measuring.

TYGON® LMT-55 Laboratory Tubing may be safely sterilized by autoclaving and, due to its excellent chemical resistance, may also be sterilized chemically or by gas (ethylene oxide).

### Engineered to Last

TYGON® LMT-55 Laboratory Tubing is specially formulated for resistance to flex-fatigue and abrasion. In many peristaltic pump applications, it will outlast its nearest competitor by at least 2 to 1. As a tubing for instrumentation connection, vent, drain and other general laboratory applications, TYGON® LMT-55 Laboratory Tubing offers superior life, which minimizes the labor and expense of replacement.



### Available in Vacuum Tubing Sizes

TYGON® LMT-55 Vacuum Tubing has extra heavy walls that will withstand a full vacuum at room temperature (29.9" [759mm] of mercury at 73°F [23°C] and up to 27" [686mm] of mercury at 140°F [60°C]). Like standard TYGON® Laboratory Tubing, TYGON® LMT-55 Vacuum Tubing resists most inorganic chemicals and can be used in corrosive atmospheres.

## TYGON® LMT-55 Non-DEHP Tubing Available Sizes

| Saint-Gobain<br>Part Number | I.D.  |      | O.D.   |      | Wall Thickness |     | Length |      | Minimum<br>Bend Radius |       | Maximum Working<br>Pressure |                  | Vacuum Rating<br>of Mercury at |               |
|-----------------------------|-------|------|--------|------|----------------|-----|--------|------|------------------------|-------|-----------------------------|------------------|--------------------------------|---------------|
|                             | In.   | mm   | In.    | mm   | In.            | mm  | Ft.    | m    | In.                    | mm    | psi at<br>73°F*             | bars at<br>23°C* | inches<br>at 73°F              | mm<br>at 23°C |
| ALH00001                    | 1/32  | 0.8  | 3/32   | 2.4  | 1/32           | 0.8 | 50     | 15   | 1/8                    | 3.2   | 80                          | 5.5              | 29.9                           | 760           |
| ALH00002                    | 1/16  | 1.6  | 1/8    | 3.2  | 1/32           | 0.8 | 50     | 15   | 1/4                    | 6.4   | 45                          | 3.1              | 29.9                           | 760           |
| ALH02002                    | 1/16  | 1.6  | 1/8    | 3.2  | 1/32           | 0.8 | 100    | 30.5 | 1/8                    | 3.2   | 45                          | 3.1              | 29.9                           | 760           |
| ALH04002                    | 1/16  | 1.6  | 1/8    | 3.2  | 1/32           | 0.8 | 500    | 152  | 1/8                    | 3.2   | 45                          | 3.1              | 29.9                           | 760           |
| ALH00003                    | 1/16  | 1.6  | 3/16   | 4.8  | 1/16           | 1.6 | 50     | 15   | 1/8                    | 3.2   | 75                          | 5.2              | 29.9                           | 760           |
| ALH00004                    | 3/32  | 2.4  | 5/32   | 4.0  | 1/32           | 0.8 | 50     | 15   | 3/8                    | 9.5   | 30                          | 2.0              | 29.9                           | 760           |
| ALH02004                    | 3/32  | 2.4  | 5/32   | 4.0  | 1/32           | 0.8 | 100    | 30.5 | 3/8                    | 9.5   | 30                          | 2.0              | 29.9                           | 760           |
| ALH00005                    | 3/32  | 2.4  | 7/32   | 4.0  | 1/16           | 1.6 | 50     | 15   | 1/4                    | 6.4   | 55                          | 3.8              | 29.9                           | 760           |
| ALH00006                    | 1/8   | 3.2  | 3/16   | 4.8  | 1/32           | 0.8 | 50     | 15   | 1/2                    | 12.7  | 25                          | 1.7              | 20                             | 508           |
| ALH04006                    | 1/8   | 3.2  | 3/16   | 4.8  | 1/32           | 0.8 | 500    | 152  | 1/2                    | 12.7  | 25                          | 1.7              | 20                             | 508           |
| ALH00007                    | 1/8   | 3.2  | 1/4    | 6.4  | 1/16           | 1.6 | 50     | 15   | 3/8                    | 9.5   | 45                          | 3.1              | 29.9                           | 760           |
| ALH02007                    | 1/8   | 3.2  | 1/4    | 6.4  | 1/16           | 1.6 | 100    | 30.5 | 3/8                    | 9.5   | 45                          | 3.1              | 29.9                           | 760           |
| ALH04007                    | 1/8   | 3.2  | 1/4    | 6.4  | 1/16           | 1.6 | 500    | 152  | 3/8                    | 9.5   | 45                          | 3.1              | 29.9                           | 760           |
| ALH00009                    | 5/32  | 4.0  | 7/32   | 5.6  | 1/32           | 0.8 | 50     | 15   | 3/8                    | 9.5   | 20                          | 1.4              | 12                             | 305           |
| ALH00010                    | 5/32  | 4.0  | 9/32   | 7.1  | 1/16           | 1.6 | 50     | 15   | 1/2                    | 12.7  | 35                          | 2.4              | 29.9                           | 760           |
| ALH02010                    | 5/32  | 4.0  | 9/32   | 7.1  | 1/16           | 1.6 | 100    | 30.5 | 1/2                    | 12.7  | 35                          | 2.4              | 29.9                           | 760           |
| ALH00011                    | 3/16  | 4.8  | 1/4    | 6.4  | 1/32           | 0.8 | 50     | 15   | 1                      | 25.4  | 20                          | 1.4              | 9                              | 229           |
| ALH00012                    | 3/16  | 4.8  | 5/16   | 7.9  | 1/16           | 1.6 | 50     | 15   | 5/8                    | 15.9  | 30                          | 2.0              | 29.9                           | 760           |
| ALH02012                    | 3/16  | 4.8  | 5/16   | 7.9  | 1/16           | 1.6 | 100    | 30.5 | 5/8                    | 15.9  | 30                          | 2.0              | 29.9                           | 760           |
| ALH04012                    | 3/16  | 4.8  | 5/16   | 7.9  | 1/16           | 1.6 | 500    | 152  | 5/8                    | 15.9  | 30                          | 2.0              | 29.9                           | 760           |
| ALH00013                    | 3/16  | 4.8  | 3/8    | 9.5  | 3/32           | 2.4 | 50     | 15   | 1/2                    | 12.7  | 40                          | 2.8              | 29.9                           | 760           |
| ALH00014                    | 3/16  | 4.8  | 7/16   | 11.1 | 1/8            | 3.2 | 50     | 15   | 3/8                    | 9.5   | 55                          | 3.8              | 29.9                           | 760           |
| ALH00016                    | 1/4   | 6.4  | 5/16   | 7.9  | 1/32           | 0.8 | 50     | 15   | 1-5/8                  | 41.3  | 15                          | 1.0              | 5                              | 127           |
| ALH00017                    | 1/4   | 6.4  | 3/8    | 9.5  | 1/16           | 1.6 | 50     | 15   | 1                      | 25.4  | 25                          | 1.7              | 20                             | 508           |
| ALH02017                    | 1/4   | 6.4  | 3/8    | 9.5  | 1/16           | 1.6 | 100    | 30.5 | 1                      | 25.4  | 25                          | 1.7              | 20                             | 508           |
| ALH04017                    | 1/4   | 6.4  | 3/8    | 9.5  | 1/16           | 1.6 | 500    | 152  | 1                      | 25.4  | 25                          | 1.7              | 20                             | 508           |
| ALH00018                    | 1/4   | 6.4  | 7/16   | 11.1 | 3/32           | 2.4 | 50     | 15   | 3/4                    | 19.0  | 35                          | 2.4              | 29.9                           | 760           |
| ALH00019                    | 1/4   | 6.4  | 1/2    | 12.7 | 1/8            | 3.2 | 50     | 15   | 1/2                    | 12.7  | 40                          | 2.8              | 29.9                           | 760           |
| ALH02019                    | 1/4   | 6.4  | 1/2    | 12.7 | 1/8            | 3.2 | 100    | 30.5 | 1/2                    | 12.7  | 40                          | 2.8              | 29.9                           | 760           |
| ALH00022                    | 5/16  | 7.9  | 7/16   | 11.1 | 1/16           | 1.6 | 50     | 15   | 1-3/8                  | 34.9  | 20                          | 1.4              | 13                             | 330           |
| ALH00023                    | 5/16  | 7.9  | 1/2    | 12.7 | 3/32           | 2.4 | 50     | 15   | 1                      | 25.4  | 30                          | 2.0              | 29.9                           | 760           |
| ALH00024                    | 5/16  | 7.9  | 9/16   | 14.3 | 1/8            | 3.2 | 50     | 15   | 7/8                    | 22.2  | 35                          | 2.4              | 29.9                           | 760           |
| ALH00025                    | 5/16  | 7.9  | 5/8    | 15.9 | 5/32           | 4.0 | 50     | 15   | 3/4                    | 19.0  | 45                          | 3.1              | 29.9                           | 760           |
| ALH00027                    | 3/8   | 9.5  | 1/2    | 12.7 | 1/16           | 1.6 | 50     | 15   | 1-1/2                  | 38.1  | 20                          | 1.4              | 9                              | 229           |
| ALH00028                    | 3/8   | 9.5  | 9/16   | 14.3 | 3/32           | 2.4 | 50     | 15   | 1-3/8                  | 34.9  | 25                          | 1.7              | 21                             | 533           |
| ALH00029                    | 3/8   | 9.5  | 5/8    | 15.9 | 1/8            | 3.2 | 50     | 15   | 1-1/8                  | 28.6  | 30                          | 2.0              | 29.9                           | 760           |
| ALH00032                    | 7/16  | 11.1 | 9/16   | 14.3 | 1/16           | 1.6 | 50     | 15   | 2-1/4                  | 57.2  | 15                          | 1.0              | 7                              | 178           |
| ALH00033                    | 7/16  | 11.1 | 5/8    | 15.9 | 3/32           | 2.4 | 50     | 15   | 1-3/4                  | 44.4  | 20                          | 1.4              | 15                             | 381           |
| ALH00034                    | 7/16  | 11.1 | 11/16  | 17.5 | 1/8            | 3.2 | 50     | 15   | 1-3/8                  | 34.9  | 25                          | 1.7              | 28                             | 711           |
| ALH00036                    | 1/2   | 12.7 | 5/8    | 15.9 | 1/16           | 1.6 | 50     | 15   | 2-7/8                  | 73.0  | 10                          | 0.7              | 5                              | 127           |
| ALH00037                    | 1/2   | 12.7 | 11/16  | 17.5 | 3/32           | 2.4 | 50     | 15   | 2-1/4                  | 57.2  | 20                          | 1.4              | 12                             | 305           |
| ALH02037                    | 1/2   | 12.7 | 11/16  | 17.5 | 3/32           | 2.4 | 100    | 30.5 | 2-1/4                  | 57.2  | 20                          | 1.4              | 12                             | 305           |
| ALH00038                    | 1/2   | 12.7 | 3/4    | 19.0 | 1/8            | 3.2 | 50     | 15   | 1-1/2                  | 38.1  | 25                          | 1.7              | 21                             | 533           |
| ALH00039                    | 1/2   | 12.7 | 13/16  | 20.6 | 5/32           | 4.0 | 50     | 15   | 1-1/2                  | 38.1  | 30                          | 2.0              | 29.9                           | 760           |
| ALH00041                    | 9/16  | 14.3 | 3/4    | 19.0 | 3/32           | 2.4 | 50     | 15   | 2-1/2                  | 63.5  | 15                          | 1.0              | 9                              | 229           |
| ALH00042                    | 9/16  | 14.3 | 13/16  | 20.6 | 1/8            | 3.2 | 50     | 15   | 2                      | 50.8  | 20                          | 1.4              | 17                             | 432           |
| ALH00045                    | 5/8   | 15.9 | 13/16  | 20.6 | 3/32           | 2.4 | 50     | 15   | 3                      | 76.2  | 15                          | 1.0              | 7                              | 178           |
| ALH00046                    | 5/8   | 15.9 | 7/8    | 22.2 | 1/8            | 3.2 | 50     | 15   | 2-3/8                  | 60.3  | 20                          | 1.4              | 13                             | 330           |
| ALH00047                    | 5/8   | 15.9 | 15/16  | 23.8 | 5/32           | 4.0 | 50     | 15   | 2                      | 50.8  | 25                          | 1.7              | 21                             | 533           |
| ALH00050                    | 11/16 | 17.5 | 7/8    | 22.2 | 3/32           | 2.4 | 50     | 15   | 3-1/2                  | 88.9  | 15                          | 1.0              | 6                              | 152           |
| ALH00053                    | 3/4   | 19.0 | 1      | 25.4 | 1/8            | 3.2 | 50     | 15   | 3-1/4                  | 82.6  | 18                          | 1.2              | 9                              | 229           |
| ALH00054                    | 3/4   | 19.0 | 1-1/16 | 27.0 | 5/32           | 4.0 | 50     | 15   | 2-3/4                  | 69.8  | 20                          | 1.4              | 15                             | 381           |
| ALH00055                    | 3/4   | 19.0 | 1-1/8  | 28.6 | 3/16           | 4.8 | 50     | 15   | 2-3/8                  | 60.3  | 25                          | 1.7              | 21                             | 533           |
| ALH00057                    | 3/4   | 19.0 | 1-1/4  | 31.8 | 1/4            | 6.4 | 50     | 15   | 2                      | 50.8  | 30                          | 2.0              | 29.9                           | 760           |
| ALH00059                    | 7/8   | 22.2 | 1-1/8  | 28.6 | 1/8            | 3.2 | 50     | 15   | 4-1/8                  | 104.8 | 15                          | 1.0              | 7                              | 178           |
| ALH00060                    | 7/8   | 22.2 | 1-3/16 | 30.2 | 5/32           | 4.0 | 50     | 15   | 3-1/2                  | 88.9  | 20                          | 1.4              | 11                             | 279           |
| ALH00062                    | 1     | 25.4 | 1-1/4  | 31.8 | 1/8            | 3.2 | 50     | 15   | 4-3/4                  | 120.6 | 15                          | 1.0              | 5                              | 127           |
| ALH00064                    | 1     | 25.4 | 1-3/8  | 34.9 | 3/16           | 4.8 | 50     | 15   | 4                      | 101.6 | 20                          | 1.4              | 12                             | 305           |
| ALH00065                    | 1     | 25.4 | 1-1/2  | 38.1 | 1/4            | 6.4 | 50     | 15   | 3                      | 76.2  | 25                          | 1.7              | 21                             | 533           |
| ALH00068                    | 1-1/8 | 28.6 | 1-1/2  | 38.1 | 3/16           | 4.8 | 50     | 15   | 4-1/2                  | 114.3 | 18                          | 1.2              | 9                              | 229           |
| ALH00069                    | 1-1/4 | 31.8 | 1-1/2  | 38.1 | 1/8            | 3.2 | 50     | 15   | 7-7/8                  | 200   | 12                          | 0.8              | 3                              | 76            |
| ALH00070                    | 1-1/4 | 31.8 | 1-5/8  | 41.3 | 3/16           | 4.8 | 50     | 15   | 5-1/2                  | 139.7 | 15                          | 1.0              | 7                              | 178           |
| ALH00071                    | 1-1/4 | 31.8 | 1-3/4  | 44.4 | 1/4            | 6.4 | 50     | 15   | 4-3/8                  | 111.1 | 20                          | 1.4              | 13                             | 330           |
| ALH00073                    | 1-1/2 | 38.1 | 1-7/8  | 47.6 | 3/16           | 4.8 | 50     | 15   | 7-1/4                  | 184.2 | 15                          | 1.0              | 5                              | 127           |
| ALH00074                    | 1-1/2 | 38.1 | 2      | 50.8 | 1/4            | 6.4 | 50     | 15   | 5-7/8                  | 149.2 | 18                          | 1.2              | 9                              | 229           |
| ALH00076                    | 1-3/4 | 44.4 | 2-1/4  | 57.2 | 1/4            | 6.4 | 50     | 15   | 7-1/2                  | 190.5 | 16                          | 1.1              | 7                              | 178           |
| ALH00078                    | 2     | 50.8 | 2-1/2  | 63.5 | 1/4            | 6.4 | 50     | 15   | 9-3/8                  | 238.1 | 15                          | 1.0              | 5                              | 127           |
| ALH05078                    | 2     | 50.8 | 2-1/2  | 63.5 | 1/4            | 6.4 | 20     | 6    | 9-3/8                  | 238.1 | 15                          | 1.0              | 5                              | 127           |

All sizes must meet Minimum Order Requirements (MOQ). Please call Customer Service for MOQ information.

## TYGON® LMT-55 Non-DEHP Tubing Available Sizes

| Saint-Gobain<br>Part Number | I.D. |    | O.D. |    | Wall Thickness |    | Length |   | Minimum<br>Bend Radius |    | Maximum Working<br>Pressure |                  | Vacuum Rating<br>of Mercury at |               |
|-----------------------------|------|----|------|----|----------------|----|--------|---|------------------------|----|-----------------------------|------------------|--------------------------------|---------------|
|                             | In.  | mm | In.  | mm | In.            | mm | Ft.    | m | In.                    | mm | psi at<br>73°F*             | bars at<br>23°C* | inches<br>at 73°F              | mm<br>at 23°C |

### Vacuum Sizes

|          |      |      |       |      |      |      |    |    |       |      |    |     |      |     |
|----------|------|------|-------|------|------|------|----|----|-------|------|----|-----|------|-----|
| ALH00015 | 3/16 | 4.8  | 9/16  | 14.3 | 3/16 | 4.8  | 50 | 15 | 1/4   | 6.4  | 60 | 4.1 | 29.9 | 760 |
| ALH00020 | 1/4  | 6.4  | 5/8   | 15.9 | 3/16 | 4.8  | 50 | 15 | 1/2   | 12.7 | 50 | 3.5 | 29.9 | 760 |
| ALH00030 | 3/8  | 9.5  | 7/8   | 22.2 | 1/4  | 6.4  | 50 | 15 | 5/8   | 15.9 | 50 | 3.5 | 29.9 | 760 |
| ALH00040 | 1/2  | 12.7 | 1-1/8 | 28.6 | 5/16 | 7.9  | 50 | 15 | 7/8   | 22.2 | 45 | 3.1 | 29.9 | 760 |
| ALH00049 | 5/8  | 15.9 | 1-3/8 | 34.9 | 3/8  | 9.5  | 50 | 15 | 1     | 25.4 | 40 | 2.8 | 29.9 | 760 |
| ALH00058 | 3/4  | 19.0 | 1-1/2 | 38.1 | 3/8  | 9.5  | 50 | 15 | 1-1/2 | 38.1 | 35 | 2.4 | 29.9 | 760 |
| ALH00066 | 1    | 25.4 | 2     | 50.8 | 1/2  | 12.7 | 50 | 15 | 1-7/8 | 47.6 | 35 | 2.4 | 29.9 | 760 |
| ALH05066 | 1    | 25.4 | 2     | 50.8 | 1/2  | 12.7 | 20 | 6  | 1-7/8 | 47.6 | 35 | 2.4 | 29.9 | 760 |

### Unipacs (10/10' lengths per carton)

|          |      |      |       |      |      |     |        |     |       |       |    |     |      |     |
|----------|------|------|-------|------|------|-----|--------|-----|-------|-------|----|-----|------|-----|
| ALHUN007 | 1/8  | 3.2  | 1/4   | 6.4  | 1/16 | 1.6 | 10/10' | 3/3 | 3/8   | 9.5   | 45 | 3.1 | 29.9 | 760 |
| ALHUN012 | 3/16 | 4.8  | 5/16  | 7.9  | 1/16 | 1.6 | 10/10' | 3/3 | 5/8   | 15.9  | 30 | 2.0 | 29.9 | 760 |
| ALHUN017 | 1/4  | 6.4  | 3/8   | 9.5  | 1/16 | 1.6 | 10/10' | 3/3 | 1     | 25.4  | 25 | 1.7 | 20   | 508 |
| ALHUN019 | 1/4  | 6.4  | 1/2   | 12.7 | 1/8  | 3.2 | 10/10' | 3/3 | 1/2   | 12.7  | 40 | 2.8 | 29.9 | 760 |
| ALHUN027 | 3/8  | 9.5  | 1/2   | 12.7 | 1/16 | 1.6 | 10/10' | 3/3 | 1-1/2 | 38.1  | 20 | 1.4 | 9    | 229 |
| ALHUN036 | 1/2  | 12.7 | 5/8   | 15.9 | 1/16 | 1.6 | 10/10' | 3/3 | 2-7/8 | 73.0  | 10 | 0.7 | 5    | 127 |
| ALHUN053 | 3/4  | 19.0 | 1     | 25.4 | 1/8  | 3.2 | 10/10' | 3/3 | 3-1/4 | 82.6  | 18 | 1.2 | 9    | 229 |
| ALHUN062 | 1    | 25.4 | 1-1/4 | 31.8 | 1/8  | 3.2 | 10/10' | 3/3 | 4-3/4 | 120.6 | 15 | 1.0 | 5    | 127 |

### Vacuum Unipacs (10/10' or 4/10' lengths per carton as shown below)

|          |      |      |       |      |      |      |        |       |       |      |    |     |      |     |
|----------|------|------|-------|------|------|------|--------|-------|-------|------|----|-----|------|-----|
| ALHUN015 | 3/16 | 4.8  | 9/16  | 14.3 | 3/16 | 4.8  | 10/10' | 3/3   | 1/4   | 6.4  | 60 | 4.2 | 29.9 | 760 |
| ALHUN020 | 1/4  | 6.4  | 5/8   | 15.9 | 3/16 | 4.8  | 10/10' | 3/3   | 1/2   | 12.7 | 50 | 3.5 | 29.9 | 760 |
| ALHUN030 | 3/8  | 9.5  | 7/8   | 22.2 | 1/4  | 6.4  | 10/10' | 3/3   | 5/8   | 15.9 | 50 | 3.5 | 29.9 | 760 |
| ALHUN040 | 1/2  | 12.7 | 1-1/8 | 28.6 | 5/16 | 7.9  | 10/10' | 3/3   | 7/8   | 22.2 | 45 | 3.1 | 29.9 | 760 |
| ALHUN049 | 5/8  | 15.9 | 1-3/8 | 34.9 | 3/8  | 9.5  | 10/10' | 3/3   | 1     | 25.4 | 40 | 2.8 | 29.9 | 760 |
| ALHUN058 | 3/4  | 19.0 | 1-1/2 | 38.1 | 3/8  | 9.5  | 10/10' | 3/3   | 1-1/2 | 38.1 | 35 | 2.4 | 29.9 | 760 |
| ALHUN066 | 1    | 25.4 | 2     | 50.8 | 1/2  | 12.7 | 4/10'  | 1.2/3 | 1-7/8 | 47.6 | 35 | 2.4 | 29.9 | 760 |

### Metric Sizes

| Saint-Gobain<br>Part Number | I.D.<br>mm | O.D.<br>mm | Wall Thickness<br>mm | Length<br>m | Minimum Bend Radius<br>mm | Maximum Working<br>Pressure Bars at 23°C | Vacuum Rating<br>mm of Mercury at 23°C |
|-----------------------------|------------|------------|----------------------|-------------|---------------------------|------------------------------------------|----------------------------------------|
| ALH1S1502                   | 2          | 4          | 1                    | 15          | 7                         | 2.8                                      | 760                                    |
| ALH1S1517                   | 3          | 5          | 1                    | 15          | 13                        | 2.0                                      | 760                                    |
| ALH1S1518                   | 4          | 6          | 1                    | 15          | 16                        | 1.7                                      | 533                                    |
| ALH1S1503                   | 5          | 8          | 1.5                  | 15          | 19                        | 2.0                                      | 760                                    |
| ALH1S1504                   | 6          | 9          | 1.5                  | 15          | 22                        | 1.7                                      | 559                                    |
| ALH1S1505                   | 7          | 10         | 1.5                  | 15          | 29                        | 1.4                                      | 381                                    |
| ALH1S1506                   | 8          | 12         | 2                    | 15          | 29                        | 1.7                                      | 533                                    |
| ALH1S1507                   | 10         | 14         | 2                    | 15          | 42                        | 1.4                                      | 356                                    |

Unless otherwise noted, all tests were conducted at room temperature (73°F/23°C). Values shown were determined on 0.075"/1.9 mm thick extruded strip or 0.075"/1.9 mm thick molded ASTM plaques or molded ASTM durometer buttons.

\* Working pressures are calculated at a 1:5 ratio relative to burst pressure using ASTM D1599.

Please consult factory for availability

Metric dimensions are nominal

All sizes must meet Minimum Order Requirements (MOQ). Please call Customer Service for MOQ information.

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