

## TYGON® S3™ B-44-3

**Max. working temp.:** +74°C
**Brittle temp.:** -36°C
**Hardness:** 66° Shore (A)
**Density:** 1.21 g/cm³
**Key features:** General purpose food hose, phthalate free

Clear as glass, lightweight, flexible, phthalate-free tubing. Resistant to a wide range of chemicals. Steam sterilization and ethylene oxide sterilization. Suitable for peristaltic pumps. Meets the requirements of FDA, NSF-51, NSF-61, 3-A, EU:1935/2004/EC, 10/2011EU, REACH and of Japanese MHLW 370/3-D standard . Tubing length 15 m (from Ø 50.8 mm – 6m).

| code | I.D. [mm] | O.D. [mm] | wall thickness [mm] | working press. 23°C [bar] | vacuum 23°C [mm Hg] | bending radius [mm] |
|---|---|---|---|---|---|---|
| VE-AAB00002 | 1.6 | 3.2 | 0.8 | 4.14 | 759 | 6.4 |
| VE-AAB00003 | 1.6 | 4.8 | 1.6 | 6.89 | 759 | 3.2 |
| VE-AAB00004 | 2.4 | 4 | 0.8 | 2.96 | 759 | 9.6 |
| VE-AAB00005 | 2.4 | 5.6 | 1.6 | 5.1 | 759 | 6.4 |
| VE-AAB00006 | 3.2 | 4.8 | 0.8 | 2.34 | 635 | 12.8 |
| VE-AAB00007 | 3.2 | 6.4 | 1.6 | 4.14 | 759 | 9.6 |
| VE-AAB00009 | 4 | 5.6 | 0.8 | 1.93 | 406 | 19 |
| VE-AAB00010 | 4 | 7.1 | 1.6 | 3.45 | 759 | 12.8 |
| VE-AAB00011 | 4.8 | 6.4 | 0.8 | 1.72 | 279 | 25.4 |
| VE-AAB00012 | 4.8 | 8 | 1.6 | 2.96 | 759 | 15.9 |
| VE-AAB00013 | 4.8 | 9.6 | 2.4 | 4.14 | 759 | 12.8 |
| VE-AAB00014 | 4.8 | 11.1 | 3.2 | 5.1 | 759 | 9.6 |
| VE-AAB00016 | 6.4 | 8 | 0.8 | 1.31 | 152 | 41.4 |
| VE-AAB00017 | 6.4 | 9.6 | 1.6 | 2.34 | 635 | 25.4 |
| VE-AAB00018 | 6.4 | 11.2 | 2.4 | 3.24 | 759 | 19 |
| VE-AAB00019 | 6.4 | 12.7 | 3.2 | 4.14 | 759 | 15.9 |
| VE-AAB00022 | 7.9 | 11.1 | 1.6 | 1.93 | 406 | 35 |
| VE-AAB00023 | 7.9 | 12.7 | 2.4 | 2.76 | 759 | 25.4 |
| VE-AAB00024 | 7.9 | 14.3 | 3.2 | 3.45 | 759 | 22.3 |
| VE-AAB00027 | 9.5 | 12.7 | 1.6 | 1.72 | 279 | 44.4 |
| VE-AAB00028 | 9.5 | 14.3 | 2.4 | 2.34 | 635 | 35.3 |
| VE-AAB00029 | 9.5 | 15.9 | 3.2 | 3.03 | 759 | 28.6 |
| VE-AAB00034 | 11.1 | 17.5 | 3.2 | 2.48 | 759 | 35 |
| VE-AAB00036 | 12.7 | 15.9 | 1.6 | 1.31 | 152 | 73.1 |
| VE-AAB00037 | 12.7 | 17.5 | 2.4 | 1.86 | 355 | 54 |
| VE-AAB00038 | 12.7 | 19.1 | 3.2 | 2.34 | 635 | 44.4 |
| VE-AAB00046 | 15.9 | 22.3 | 3.2 | 2 | 406 | 60.4 |
| VE-AAB00051 | 17.5 | 23.9 | 3.2 | 1.86 | 330 | 73.1 |
| VE-AAB00053 | 19 | 25.4 | 3.2 | 1.72 | 279 | 82.6 |
| VE-AAB00059 | 22.2 | 28.6 | 3.2 | 1.52 | 203 | 104.8 |
| VE-AAB00062 | 25.4 | 31.8 | 3.2 | 1.38 | 152 | 130.2 |
| VE-AAB00064 | 25.4 | 35 | 4.8 | 1.86 | 355 | 95.2 |
| VE-AAB00065 | 25.4 | 38.1 | 6.4 | 2.34 | 635 | 76.2 |
| VE-AAB00069 | 31.8 | 38.1 | 3.2 | 1.1 | 101 | 187.4 |
| VE-AAB00070 | 31.8 | 41.4 | 4.8 | 1.59 | 228 | 139.8 |
| VE-AAB00071 | 31.8 | 44.4 | 6.3 | 1.93 | 406 | 111.2 |
| VE-AAB00073 | 38.1 | 47.6 | 4.8 | 1.31 | 152 | 184.2 |
| VE-AAB00074 | 38.1 | 50.8 | 6.4 | 1.72 | 279 | 149.3 |
| VE-AAB00076 | 44.4 | 57.2 | 6.4 | 1.52 | 203 | 190.6 |
| VE-AAB00078 | 50.8 | 63.6 | 6.4 | 1.31 | 152 | 238.2 |
| VE-AAB00080 | 50.8 | 76.2 | 12.7 | 2.34 | 635 | 139.8 |
| VE-AAB00081 | 57.2 | 69.8 | 6.4 | 1.24 | 127 | 285.8 |