

## A0031 BLUE SILICONE COOLANT HOSE

Low-pressure coolant and heat connections designed for challenging engine environments. It withstands aging, ozone, chemicals, lubricants, hardening, and cracking. It is suitable for extreme temperatures and a wide range of pressures, offering high-performance capabilities.



**TUBE:** Red Silicone  
**REINFORCEMENT:** 4 Ply Polyester Fiber  
**COVER:** Blue Silicone  
**TEMPERATURE:** -65F° to 350F°

| PART #    | ID            |              |             | OD            |              |             | WP  |     | DESIGN FACTOR | BURST PRESSURE |     | WEIGHT  |        | PACKAGING (ft) |
|-----------|---------------|--------------|-------------|---------------|--------------|-------------|-----|-----|---------------|----------------|-----|---------|--------|----------------|
|           | Fraction (in) | Decimal (in) | Metric (mm) | Fraction (in) | Decimal (in) | Metric (mm) | PSI | Bar |               | PSI            | Bar | (lb/ft) | (kg/m) |                |
| A0031-038 | 3/8           | 0.38         | 10          | 7/9           | 0.77         | 20          | 200 | 14  | 3:1           | 600            | 41  | 0.16    | 0.24   | 3, 12          |
| A0031-050 | 1/2           | 0.50         | 13          | 8/9           | 0.89         | 23          | 200 | 14  | 3:1           | 600            | 41  | 0.20    | 0.30   | 3, 12          |
| A0031-062 | 5/8           | 0.63         | 16          | 1             | 1.02         | 26          | 195 | 13  | 3:1           | 585            | 40  | 0.24    | 0.36   | 3, 12          |
| A0031-075 | 3/4           | 0.75         | 19          | 1 1/7         | 1.14         | 29          | 192 | 13  | 3:1           | 575            | 40  | 0.29    | 0.43   | 3, 12          |
| A0031-087 | 7/8           | 0.88         | 22          | 1 1/4         | 1.27         | 32          | 187 | 13  | 3:1           | 560            | 39  | 0.34    | 0.51   | 3, 12          |
| A0031-100 | 1             | 1.00         | 25          | 1 2/5         | 1.39         | 35          | 183 | 13  | 3:1           | 550            | 38  | 0.39    | 0.58   | 3, 12          |
| A0031-112 | 1 1/8         | 1.13         | 29          | 1 1/2         | 1.52         | 39          | 175 | 12  | 3:1           | 525            | 36  | 0.44    | 0.65   | 3, 12          |
| A0031-125 | 1 1/4         | 1.25         | 32          | 1 2/3         | 1.64         | 42          | 167 | 11  | 3:1           | 500            | 34  | 0.49    | 0.73   | 3, 12          |
| A0031-138 | 1 3/8         | 1.38         | 35          | 1 7/9         | 1.77         | 45          | 158 | 11  | 3:1           | 475            | 33  | 0.54    | 0.80   | 3, 12          |
| A0031-150 | 1 1/2         | 1.50         | 38          | 1 8/9         | 1.89         | 48          | 150 | 10  | 3:1           | 450            | 31  | 0.59    | 0.88   | 3, 12          |
| A0031-162 | 1 5/8         | 1.63         | 41          | 2             | 2.02         | 51          | 142 | 10  | 3:1           | 425            | 29  | 0.63    | 0.94   | 3, 12          |
| A0031-175 | 1 3/4         | 1.75         | 44          | 2 1/7         | 2.14         | 54          | 133 | 9   | 3:1           | 400            | 28  | 0.68    | 1.01   | 3, 12          |
| A0031-187 | 1 7/8         | 1.88         | 48          | 2 1/4         | 2.27         | 58          | 133 | 9   | 3:1           | 400            | 28  | 0.73    | 1.09   | 3, 12          |
| A0031-200 | 2             | 2.00         | 51          | 2 2/5         | 2.39         | 61          | 133 | 9   | 3:1           | 400            | 28  | 0.78    | 1.16   | 3, 12          |
| A0031-212 | 2 1/8         | 2.13         | 54          | 2 1/2         | 2.52         | 64          | 125 | 9   | 3:1           | 375            | 26  | 0.83    | 1.24   | 3, 12          |
| A0031-225 | 2 1/4         | 2.25         | 57          | 2 2/3         | 2.64         | 67          | 117 | 8   | 3:1           | 350            | 24  | 0.88    | 1.31   | 3, 12          |
| A0031-238 | 2 3/8         | 2.38         | 60          | 2 7/9         | 2.77         | 70          | 108 | 7   | 3:1           | 325            | 22  | 0.93    | 1.38   | 3, 12          |
| A0031-250 | 2 1/2         | 2.50         | 64          | 2 8/9         | 2.89         | 73          | 100 | 7   | 3:1           | 300            | 21  | 0.98    | 1.46   | 3, 12          |
| A0031-262 | 2 5/8         | 2.63         | 67          | 3             | 3.02         | 77          | 95  | 7   | 3:1           | 285            | 20  | 1.02    | 1.52   | 3, 12          |
| A0031-275 | 2 3/4         | 2.75         | 70          | 3 1/7         | 3.14         | 80          | 92  | 6   | 3:1           | 275            | 19  | 1.07    | 1.59   | 3, 12          |
| A0031-287 | 2 7/8         | 2.88         | 73          | 3 1/4         | 3.27         | 83          | 83  | 6   | 3:1           | 250            | 17  | 1.12    | 1.67   | 3, 12          |
| A0031-300 | 3             | 3.00         | 76          | 3 2/5         | 3.39         | 86          | 83  | 6   | 3:1           | 250            | 17  | 1.17    | 1.74   | 3, 12          |
| A0031-312 | 3 1/8         | 3.13         | 80          | 3 1/2         | 3.52         | 89          | 75  | 5   | 3:1           | 225            | 16  | 1.22    | 1.82   | 3, 12          |
| A0031-325 | 3 1/4         | 3.25         | 83          | 3 2/3         | 3.64         | 92          | 75  | 5   | 3:1           | 225            | 16  | 1.27    | 1.89   | 3, 12          |
| A0031-338 | 3 3/8         | 3.38         | 86          | 3 7/9         | 3.77         | 96          | 67  | 5   | 3:1           | 200            | 14  | 1.32    | 1.96   | 3, 12          |
| A0031-350 | 3 1/2         | 3.50         | 89          | 3 8/9         | 3.89         | 99          | 67  | 5   | 3:1           | 200            | 14  | 1.37    | 2.04   | 3, 12          |
| A0031-375 | 3 3/4         | 3.75         | 95          | 4 1/7         | 4.14         | 105         | 58  | 4   | 3:1           | 175            | 12  | 1.46    | 2.17   | 3, 12          |
| A0031-387 | 4             | 4.00         | 102         | 4 2/5         | 4.39         | 112         | 50  | 3   | 3:1           | 150            | 10  | 1.56    | 2.32   | 3, 12          |
| A0031-400 | 4 1/2         | 4.50         | 114         | 4 8/9         | 4.89         | 124         | 50  | 3   | 3:1           | 150            | 10  | 1.76    | 2.62   | 3, 12          |
| A0031-450 | 5             | 5.00         | 127         | 5 2/5         | 5.39         | 137         | 42  | 3   | 3:1           | 125            | 9   | 1.95    | 2.90   | 3, 12          |
| A0031-500 | 5 1/2         | 5.50         | 140         | 5 8/9         | 5.89         | 150         | 33  | 2   | 3:1           | 100            | 7   | 2.16    | 3.21   | 3, 12          |
| A0031-550 | 6             | 6.00         | 152         | 6 2/5         | 6.39         | 162         | 33  | 2   | 3:1           | 100            | 7   | 2.34    | 3.48   | 3, 12          |
| A0031-600 | 2 1/4         | 2.25         | 57          | 2 2/3         | 2.64         | 67          | 117 | 8   | 3:1           | 350            | 24  | 0.88    | 1.31   | 3, 12          |

 **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).