



A division of CSA Technical Solutions, LLC  
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[www.BuyHeatShrink.com](http://www.BuyHeatShrink.com)

## 2 to 1 Polyolefin Heat Shrink Tubing

- Operating Temperature: -55° C to 135° C
- Shrink Temperature: 120° C
- Shrink Ratio: 2 to 1
- Longitudinal Shrinkage: 5-10%
- Black is UV resistant

### Specifications/Approvals:

- **Military:** AMS-DTL 23053/5 Class 1 and Class3 (Clear = Class 2) (Formerly Mil- I-23053/4)
- **Underwriters Lab:** UL 224 600V, 125°C, VW-1. CSA C22.2 RoHS, REACH compliant
- **Crosses to:** Sumitomo B2, Raychem RNF-100, Alpha FIT-221, 3M FP301, FP301V, Canusa CPX-100, LG GSHS-1635F

### Dimensions

| Internal<br>PN  | Mill Spec #* | Expanded |                 |      | Recovered       |      |                        |       |
|-----------------|--------------|----------|-----------------|------|-----------------|------|------------------------|-------|
|                 |              | Nominal  | Inside Diameter |      | Inside Diameter |      | Minimum Wall Thickness |       |
|                 |              | Size     | in              | mm   | in              | mm   | in                     | mm    |
| <b>HS2-0047</b> | 101 and 301  | 3/64"    | 0.055           | 1.4  | 0.022           | 0.58 | 0.013                  | 0.33  |
| <b>HS2-0063</b> | 102 and 302  | 1/16"    | 0.075           | 1.9  | 0.031           | 0.79 | 0.014                  | 0.356 |
| <b>HS2-0094</b> | 103 and 303  | 3/32"    | 0.11            | 2.8  | 0.046           | 1.17 | 0.017                  | 0.432 |
| <b>HS2-0125</b> | 104 and 304  | 1/8"     | 0.138           | 3.5  | 0.062           | 1.57 | 0.017                  | 0.432 |
| <b>HS2-0188</b> | 105 and 305  | 3/16"    | 0.2             | 5    | 0.093           | 2.36 | 0.017                  | 0.432 |
| <b>HS2-025</b>  | 106 and 306  | 1/4"     | 0.256           | 6.5  | 0.125           | 3.18 | 0.022                  | 0.559 |
| <b>HS2-0375</b> | 107 and 307  | 3/8"     | 0.38            | 9.6  | 0.187           | 4.75 | 0.022                  | 0.559 |
| <b>HS2-050</b>  | 108 and 308  | 1/2"     | 0.5             | 12.8 | 0.25            | 6.35 | 0.022                  | 0.559 |
| <b>HS2-0625</b> | N/A          | 5/8"     | 0.625           | 16.0 | 0.313           | 8.0  | 0.022                  | 0.559 |
| <b>HS2-075</b>  | 109 and 309  | 3/4"     | 0.76            | 19.3 | 0.37            | 9.35 | 0.027                  | 0.686 |
| <b>HS2-100</b>  | 110 and 310  | 1"       | 1.02            | 25.7 | 0.5             | 12.7 | 0.03                   | 0.762 |
| <b>HS2-125</b>  | N/A          | 1-1/4"   | 1.26            | 32.2 | 0.63            | 16   | 0.034                  | 0.864 |
| <b>HS2-150</b>  | 111 and 311  | 1-1/2"   | 1.5             | 38.7 | 0.586           | 14.9 | 0.034                  | 0.864 |
| <b>HS2-200</b>  | 112 and 312  | 2"       | 2               | 51   | 1               | 25.4 | 0.038                  | 0.965 |
| <b>HS2-300</b>  | 113 and 313  | 3"       | 3               | 76.2 | 1.5             | 38.1 | 0.042                  | 1.07  |
| <b>HS2-400</b>  | 114 and 314  | 4"       | 4               | 102  | 2               | 50.8 | 0.046                  | 1.17  |

\*Clear is Class 2, so for example 1/4" Clear would be AMS-DTL-23053/5-206

**Color Codes:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White, -C Clear