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| **SAE-AMS-DTL-23053/1 CLASS 1** |

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|  | M23053/1 is a flexible flame retardant, modified neoprene heat shrinkable tubing for high and low temperature applications to provide rugged cable protection from abrasion, abuse, strain relief and resistance to aviation fuels, solvents, and hydraulic fluids. M23053/1 has a 2:1 shrink ratio. |
| |  | | --- | | MIL-DTL-23053/1 Class 1, Class 2 | | MIL-R-46846 Type 1, Class 1 | | AMS 3623 | | RoHs Compliant | | |

**Class 1 – Normal Operating Temperature (-55°C to +90°C) – Shelf Life: 1 Year**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Diameter in Inches** | |  |
| **Blake Part Number** | **I.D. Min.** | **I.D. Max** | **Recovered Wall Thickness** |
| **BT100-101-0** | 0.250 | 0.143 | 0.035 |
| **BT100-102-0** | 0.375 | 0.211 | 0.040 |
| **BT100-103-0** | 0.500 | 0.286 | 0.048 |
| **BT100-104-0** | 0.625 | 0.357 | 0.052 |
| **BT100-105-0** | 0.750 | 0.428 | 0.057 |
| **BT100-106-0** | 0.875 | 0.500 | 0.065 |
| **BT100-107-0** | 1.000 | 0.570 | 0.070 |
| **BT100-108-0** | 1.250 | 0.714 | 0.087 |
| **BT100-109-0** | 1.500 | 0.857 | 0.095 |
| **BT100-110-0** | 1.750 | 1.000 | 0.107 |
| **BT100-111-0** | 2.000 | 1.140 | 0.110 |
| **BT100-112-0** | 3.000 | 1.710 | 0.125 |
| **BT100-113-0** | 4.000 | 2.280 | 0.140 |

\*This material only comes in black

**Class 2 – Extended Operating Temperature (-70°C to +121°C) – Shelf Life: 1 Year**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Diameter in Inches** | |  |
| **Blake Part Number** | **I.D. Min.** | **I.D. Max** | **Recovered Wall Thickness** |
| **BT100-201-0** | 0.250 | 0.143 | 0.035 |
| **BT100-202-0** | 0.375 | 0.211 | 0.040 |
| **BT100-203-0** | 0.500 | 0.286 | 0.048 |
| **BT100-204-0** | 0.625 | 0.357 | 0.052 |
| **BT100-205-0** | 0.750 | 0.428 | 0.057 |
| **BT100-206-0** | 0.875 | 0.500 | 0.065 |
| **BT100-207-0** | 1.000 | 0.570 | 0.070 |
| **BT100-208-0** | 1.250 | 0.714 | 0.087 |
| **BT100-209-0** | 1.500 | 0.857 | 0.095 |
| **BT100-210-0** | 1.750 | 1.000 | 0.107 |
| **BT100-211-0** | 2.000 | 1.140 | 0.110 |
| **BT100-212-0** | 3.000 | 1.710 | 0.125 |
| **BT100-213-0** | 4.000 | 2.280 | 0.140 |

\*This material only comes in black