

AMS-DTL-23053/12 CLASS 1


M23053/12 is a PTFE heat shrink tubing. M23053/12 has the ability to withstand extreme heat and external chemicals. PTFE Shrink Tubing also boasts a low friction rating and a very low level of moisture absorption. M23053/12 has an operating temperature of -67°C to 250°C and classes 1-4 have a 2:1 shrink ratio and class 5 has a 4:1 shrink ratio.

MIL-DTL-23053/12
UL Recognized
RoHS Compliant

Class 1 - Heavy Wall – Shelf Life 4 Years

Blake Part Number	Expanded I.D. (in)	Recovered I.D. Max (in)	Nom. Recovered Wall Thickness (in)
BT-1200-101-X	0.166	0.130	0.030
BT-1200-102-X	0.250	0.193	0.030
BT-1200-103-X	0.333	0.257	0.030
BT-1200-104-X	0.415	0.320	0.030
BT-1200-105-X	0.498	0.383	0.030
BT-1200-106-X	0.580	0.448	0.030
BT-1200-107-X	0.666	0.510	0.030
BT-1200-108-X	0.748	0.572	0.030
BT-1200-109-X	0.830	0.637	0.030
BT-1200-110-X	0.915	0.700	0.032
BT-1200-111-X	1.000	0.764	0.040
BT-1200-112-X	1.170	0.891	0.045
BT-1200-113-X	1.330	1.020	0.050

X = Color: See Page BCC-1

AMS-DTL-23053/12 CLASS 2


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Class 2 - Standard Wall – Shelf Life 4 Years

Blake Part Number	Expanded I.D. (in)	Recovered I.D. Max (in)	Nom. Recovered Wall Thickness (in)
BT-1200-201-X	0.050	0.027	0.012
BT-1200-202-X	0.055	0.032	0.012
BT-1200-203-X	0.060	0.039	0.016
BT-1200-204-X	0.065	0.043	0.016
BT-1200-205-X	0.076	0.049	0.016
BT-1200-206-X	0.085	0.054	0.016
BT-1200-207-X	0.110	0.067	0.016
BT-1200-208-X	0.120	0.072	0.016
BT-1200-209-X	0.130	0.080	0.016
BT-1200-210-X	0.140	0.080	0.016
BT-1200-211-X	0.150	0.089	0.016
BT-1200-212-X	0.170	0.101	0.016
BT-1200-213-X	0.191	0.112	0.016
BT-1200-214-X	0.205	0.124	0.020
BT-1200-215-X	0.215	0.130	0.020
BT-1200-216-X	0.240	0.141	0.020
BT-1200-217-X	0.270	0.158	0.020
BT-1200-218-X	0.302	0.178	0.020
BT-1200-219-X	0.320	0.198	0.020
BT-1200-220-X	0.370	0.224	0.020
BT-1200-221-X	0.390	0.249	0.020
BT-1200-222-X	0.410	0.260	0.020
BT-1200-223-X	0.430	0.278	0.020
BT-1200-224-X	0.450	0.311	0.020
BT-1200-225-X	0.470	0.329	0.020
BT-1200-226-X	0.470	0.347	0.020
BT-1200-227-X	0.470	0.334	0.025
BT-1200-228-X	0.560	0.399	0.025
BT-1200-229-X	0.655	0.462	0.025
BT-1200-230-X	0.750	0.524	0.025
BT-1200-231-X	0.930	0.655	0.025
BT-1200-232-X	1.125	0.786	0.035
BT-1200-233-X	1.310	0.911	0.035
BT-1200-234-X	1.500	0.036	0.035

X = Color: See Page BCC-1

AMS-DTL-23053/12 CLASS 3


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Class 3 – Thin Wall – Shelf Life 4 Years

Blake Part Number	Diameter In Inches		Nom. Recovered Wall Thickness (in)
	I.D. Min (in)	I.D. Max (in)	
BT-1200-301-X	0.034	0.015	0.012
BT-1200-302-X	0.038	0.018	0.012
BT-1200-303-X	0.046	0.022	0.016
BT-1200-304-X	0.050	0.027	0.016
BT-1200-305-X	0.055	0.032	0.009
BT-1200-306-X	0.060	0.039	0.009
BT-1200-307-X	0.065	0.043	0.010
BT-1200-308-X	0.076	0.049	0.010
BT-1200-309-X	0.085	0.054	0.012
BT-1200-310-X	0.093	0.061	0.012
BT-1200-311-X	0.110	0.067	0.012
BT-1200-312-X	0.120	0.072	0.012
BT-1200-313-X	0.140	0.080	0.012
BT-1200-314-X	0.150	0.089	0.012
BT-1200-315-X	0.153	0.096	0.012
BT-1200-316-X	0.170	0.101	0.012
BT-1200-317-X	0.191	0.112	0.012
BT-1200-318-X	0.205	0.124	0.015
BT-1200-319-X	0.215	0.130	0.015
BT-1200-320-X	0.240	0.141	0.015
BT-1200-321-X	0.270	0.158	0.015
BT-1200-322-X	0.302	0.178	0.015
BT-1200-323-X	0.320	0.198	0.015
BT-1200-324-X	0.370	0.224	0.015
BT-1200-325-X	0.390	0.249	0.015
BT-1200-326-X	0.410	0.260	0.015
BT-1200-327-X	0.430	0.278	0.015
BT-1200-328-X	0.450	0.311	0.015
BT-1200-329-X	0.470	0.329	0.015
BT-1200-330-X	0.470	0.347	0.015

X = Color: See Page BCC-1