



Heat Shrinkable Tubing Selection Guide

Mil - I - 23053

MIL Spec	Material Type	Class	Mil Spec Description
M 23053/1	Chlorinated Polyolefin	1	-550 C to + 900 C
		2	-700C to +1210C
M 23053/2	Polyvinyl Chloride PVC	1	Flexible Cross Linked
		2	Not Cross Linked
M 23053/3	Polyvinyl Chloride PVC	1	Semi-rigid Cross Linked
		2	Not Cross Linked
M 23053/4	Dual Wall Polyolefin	1	Semi-rigid - Melt Liner
		2	Flexible – Glue Lined 2:1
		3	Flexible – Glue Lined 3:1
M 23053/5	Flexible Polyolefin	1	Flame Retardant - Colors
		1	4:1 Shrink Ratio
		2	Not Flame Retardant - Clear Only
M 23053/6	Semi-rigid Polyolefin	3	Highly Flame Retardant – Colors
		1	Flame Retardant - Colors
		2	Not Flame Retardant - Clear
M 23053/7	Mylar	1	Longitudinal Seam
		2	Spiral Wound
M 23053/8	Kynar (PVDF)		Semi-rigid
M 23053/10	Silicone Rubber		Flexible
M 23053/11	FEP Fluorinated Ethylene Propylene	1	1.3 to 1 Shrink Ratio
		2	1.67 to 1 Shrink Ratio
M 23053/12	TFE [PTFE] Poly Tetra Fluoro Ethylene	1	Heavy Wall 2:1 Shrink Ratio
		2	Standard Wall 2:1 Shrink Ratio
		3	Thin Wall 2:1 Shrink Ratio
		4	Light Wall 2:1 Shrink Ratio
		5	Fractional 4:1 Shrink Ratio
M 23053/13	Viton Fluoroelastomer		Flexible, High temperature[200oC], solvent resistant.
M 23053/14	Tefzel (ETFE)		Translucent white/Transparent blue -100 C to 150 C
M 23053/15	Heavy Wall Polyolefin Adhesive Lined	1	.155" Wall
		2	.100" Wall
M 23053/17	Flame Retardant Translucent Polyolefin	1	Standard Wall
		2	Thin Wall
M 23053/18	Modified Fluoropolymer Thin Wall	1	Flexible -550C - +1750C
		2	Flexible Black or White Only
		3	Extremely Flexible -550C - +1500C