



- Shrink Temperature
650°F (343°C)
- Mil-I-DTL-23053/12
- Excellent Dielectric
Strength
- Resistant to All
Common Solvents,
Acids, and Bases
- High Operating Temp.
up to 500°F (260°C)



Cut Cleanly
Scissor

Material

PTFE

Grade

M23

Nominal Size	Part #	Unshrunk Diameter	Shrunk Diameter	Wall Thickness	Put Up/ 1,2mPcs.	Available Colors
24 AWG	M23053-12-201-C	1.27mm	0.69mm	0.30mm	1	Clear (CL)
22 AWG	M23053-12-202-C	1.40mm	0.81mm	0.30mm	1	Clear (CL)
20 AWG	M23053-12-203-C	1.52mm	0.99mm	0.41mm	1	Clear (CL)
19 AWG	M23053-12-204-C	1.65mm	1.09mm	0.41mm	1	Clear (CL)
18 AWG	M23053-12-205-C	1.93mm	1.24mm	0.41mm	1	Clear (CL)
17 AWG	M23053-12-206-C	2.16mm	1.37mm	0.41mm	1	Clear (CL)
15 AWG	M23053-12-207-C	2.79mm	1.70mm	0.41mm	1	Clear (CL)
14 AWG	M23053-12-208-C	3.05mm	1.83mm	0.41mm	1	Clear (CL)
13 AWG	M23053-12-210-C	3.56mm	2.03mm	0.41mm	1	Clear (CL)
12 AWG	M23053-12-211-C	3.81mm	2.26mm	0.41mm	1	Clear (CL)
11 AWG	M23053-12-212-C	4.32mm	2.57mm	0.41mm	1	Clear (CL)
10 AWG	M23053-12-213-C	4.85mm	2.84mm	0.41mm	1	Clear (CL)
9 AWG	M23053-12-214-C	5.21mm	3.15mm	0.51mm	1	Clear (CL)
3,2mm	M23053-12-215-C	5.46mm	3.30mm	0.51mm	1	Clear (CL)
8 AWG	M23053-12-216-C	6.10mm	3.58mm	0.51mm	1	Clear (CL)
7 AWG	M23053-12-217-C	6.86mm	4.01mm	0.51mm	1	Clear (CL)
6 AWG	M23053-12-218-C	7.67mm	4.52mm	0.51mm	1	Clear (CL)
5 AWG	M23053-12-219-C	8.13mm	5.03mm	0.51mm	1	Clear (CL)
4 AWG	M23053-12-220-C	9.40mm	5.69mm	0.51mm	1	Clear (CL)
3 AWG	M23053-12-221-C	9.91mm	6.32mm	0.51mm	1	Clear (CL)
6,4mm	M23053-12-222-C	10.41mm	6.60mm	0.51mm	1	Clear (CL)
2 AWG	M23053-12-223-C	10.92mm	7.06mm	0.51mm	1	Clear (CL)
1 AWG	M23053-12-224-C	11.43mm	7.90mm	0.51mm	1	Clear (CL)
7,9mm	M23053-12-225-C	11.94mm	8.36mm	0.51mm	1	Clear (CL)
0 AWG	M23053-12-226-C	11.94mm	8.81mm	0.51mm	1	Clear (CL)
9,5mm	M23053-12-228-C	14.22mm	10.13mm	0.64mm	1	Clear (CL)
11,1mm	M23053-12-229-C	16.64mm	11.73mm	0.64mm	1	Clear (CL)
12,7mm	M23053-12-230-C	19.05mm	13.31mm	0.64mm	1	Clear (CL)
15,9mm	M23053-12-231-C	23.62mm	16.64mm	0.76mm	1	Clear (CL)
19,1mm	M23053-12-232-C	28.58mm	19.96mm	0.89mm	1	Clear (CL)
22,2mm	M23053-12-233-C	33.27mm	23.14mm	0.89mm	1	Clear (CL)
25,4mm	M23053-12-234-C	38.10mm	26.31mm	0.89mm	1	Clear (CL)

2:1 PTFE Heatshrink Tubing

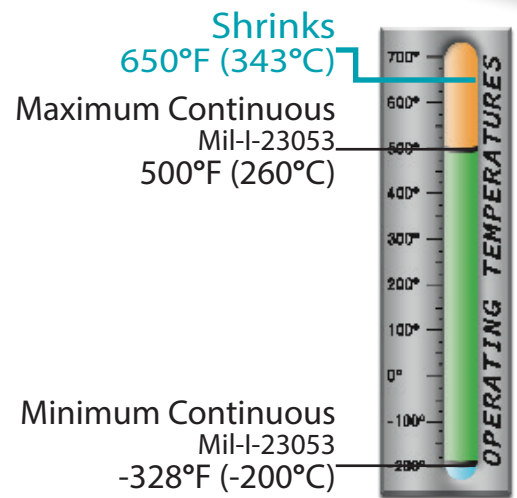
2:1 Polytetrafluoroethylene heatshrink tubing has the lowest coefficient of friction of any polymer and possesses a broad temperature range, allowing it to excel equally in extreme cold and hot environments.





PHYSICAL PROPERTIES

Recommended Cutting _____ Scissors
Stock Colors _____ 1



HEAT SHRINKING GUIDELINES

1. Always assure good ventilation in the immediate work area before beginning the heat shrink process. (Caution: Fumes can cause nausea and dizziness).
2. PTFE heat shrink tubing requires approximately 650 °F ± 25 °F (340 °C ± 5 °C) to initiate shrinkage. While this is a liberally safe range, these temperatures are approximate. Actual shrink temperatures may vary based on dimensions and wall thickness of the tubing, methods heat of application, and other factors. Techflex is happy to provide samples to test in your application and help you determine the best material to use.
3. The part to be covered by the heat shrink must be able to tolerate the range of the heat shrink temperature.
4. Parts or mandrels may act as a heat sink which may cool the heat shrink prematurely or require more time to reach the necessary temperature. Therefore, Techflex recommends preheating larger diameter mandrels and other parts.
5. Generally, heat shrink should be allowed to recover a minimum of 20%. You may experience some slight longitudinal change depending on the amount of recovery. Contact Techflex if longitudinal change is a concern.
6. Heating and cooling should be even on all sides for best results. Uneven heating or cooling tends to split the side of the heat shrink that is still in the “gel” state while the other side may be in the hard or crystalline state, particularly upon recovery.
7. Ovens are the most reliable way to recover heat shrink products: Their generally more even heating reduces the risk of overheating the material (which can lead to brittleness and cracking). If a heat gun is to be used, please contact Techflex for tips on proper heat application to achieve the most uniform recovery.