HEATSHRINK TUBING Technical Data Sheet

3/1 DUAL WALL ADHESIVE



Put-Ups

- Shrink Temperature 194°F (90°C)
- Versatile And Economical Termination Solution
- High Resistance To Chemicals And Oils
- Easily Installs Over Connectors And Splices
- Excellent Electrical Properties



Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Bulk Box Put Up/4'Pcs.	Shop Box Put Up/4'Pcs.	Available Colors	Lbs/ 10Pcs.
1/8″	H3A0.13	3.0	1.0	250	25	4	0.25
3/16″	H3A0.19	4.8	1.5	250	25	4	0.30
1/4″	H3A0.25	6.0	2.0	250	25	4	0.35
3/8″	H3A0.38	9.0	3.0	250	25	4	0.55
1/2″	H3A0.50	12.0	4.0	200	25	4	0.75
3/4″	H3A0.75	19.0	6.0	80	25	4	1.65
1″	H3A1.00	24.0	8.0	50	25	4	2.15
2″	H3A2.00	50.0	17.0	15	5	4	5.25

3/1 Dual Wall Adhesive Heatshrink Tubing Shrinks To ¹/3 its original diameter!

Dual wall adhesive lined polyolefin heatshrink tubing is ideal for producing strong, weather tight seals on any heatshrink installation.

During the application of heat from a heat gun or other heat source, the inner adhesive walls melts and flows, creating adhesion layer to ensure a snug fit to your harness or connector.

Adhesive lined heatshrink has 3:1 shrink ratio, and it is available in 4´ strips. Colors Available: 4= WH, BK, CL, and RD.



Material Polyolefin

Grade H3A Colors Available:



White (WH), Black (BK), Clear (CL), Red (RD).

> Seals and protects a wide variety of electrical applications, including wire splices, breakouts, and connectors-to-cable transitions.

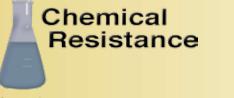


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3/1 DUAL WALL ADHESIVE



Moisture Absorption % ASTM D-570 _		0.5
Flammability Rating	UL VV	V-1



Corrosion MIL-DTL-23053	No Corrosion
Fluid Resistance (23°C/73°F, 24 hrs.)_	900min.



Measure the Shrinkflex[®] tubing to length and cut with a scissor. The thickness of your bundle, as well

as the desired final appearance, will determine the length of the tubing you cut. Generally, a piece 1 1/2" - 2" long will accommodate almost any need. Single wires, or smaller bundles, require shorter pieces.



Slip the Shrinkflex[®] tubing over the bundle and position it so that both the sleeved and unsleeved portions are sufficiently covered. Notice the small pieces of tubing

installed on single wires as part of a color coding system. If your project requires multiple operations, always work up from the smallest to the largest bundle.



Gently apply heat to Shrinkflex®

tubing from a heat gun, hair dryer or torch with an appropriate attachment. Keep the heat source far enough away so that hot metal or direct flame does not come in contact with the tubing, wires or sleeving. Move the heat around the bundle to prevent damaging the sleeving and to ensure that all areas of the tubing have been shrunk. Once cooled, your installation is complete.

Shrinks 194°F(90°C)	700"
1941(90 C)	600* -
	500* -
Mawimum Continuous	400*
Maximum Continuous Mil-DTL-23053	300*
275°F (135°C)	200* -
	100*
Minimum Con <mark>tinu</mark> ous	0* -
Mil-DTL-23053	-100*-
-67°F (-55°C)	-200-

rinkflex

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PHYSICAL PROPERTIES

Recommended Cutting	<u>Scissors</u>
Colors	4
Tensile Strength PSI ASTM D-638	1,500
Elongation % ASTM D-638	200
Deformation % (316°F/158°C, 1 Hr.) MIL-DTL-23053	Max. 50
Heat Shock (482°F/ 250°C, 4 Hrs.)	_No Cracking
Cold Bend (-67°F/-55°C, 4 Hrs.) <i>MIL-DTL-23053</i>	_No Cracking
Flexibility (316°F/158°C, 168 Hrs.) MIL-DTL-23053	_No Cracking
Secant Modulus PSI MIL-DTL-23053	25,000
Longitudinal Change % MIL-DTL-23053	+5, -15
Dielectric Strength (volts/mil) ASTM D-876	500
Volume Resistivity (ohm-cm) ASTM D-876	1.0 x 10 ¹⁴

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