HEATSHRINK TUBING Technical Data Sheet





Put-Ups -----

Shrink Temperature 194°F (90°C)

- Versatile And Economical Termination Solution
- Wide Selection Of Sizes And Colors
- Resists Common Automotive Chemicals
- Easily Installs Over Connectors And Splices



Material
Polyolefin

Grade H2N

				Ups	Available	Lbs/	
Size #		Diameter /mm	Bulk Spool	Shop Spool	Colors	100′	
3/64″	H2N0.05	1.4	0.6	500′	25′	11	0.16
1/16″	H2N0.06	1.9	0.8	500′	25′	11	0.22
1/8″	H2N0.13	3.2	1.6	500′	25′	11	0.43
1/4″	H2N0.25	6.4	3.2	250′	25′	11	1.04
3/8″	H2N0.38	9.5	4.8	200′	25′	11	1.31
1/2″	H2N0.50	12.7	6.4	200′	25′	11	1.52
5/8″	H2N0.63	16.0	8.0	100′	25′	11	2.12
3/4″	H2N0.75	19.1	9.5	100′	25′	11	2.58
1″	H2N1.00	25.4	12.7	100′	25′	11	3.74
1 1/2″	H2N1.50	38.1	19.1	100′	25′	11	5.53
2″	H2N2.00	50.8	25.4	100′	25′	11	8.25
3″	H2N3.00	76.2	38.1	100′	25′	7*	13.15

Economical 2/1 Heatshrink Tubing Shrinks To ¹/2 its original diameter!

Shrinkflex heatshrink tubing is the ideal way to create a tight, professional finish on any wire, hose or cable management project. Once shrunk, the tubing will hold its reduced state even in elevated temperatures. The wide range of available colors and diameters makes a perfect solution for any termination application.

When economy is the driving force, 2/1 Heatshrink Tubing is the answer. Not as versatile as a high ratio shrink product, 2/1 will still slide easily over small inline splices and connectors and provide a tight seal in many applications.

Match the color of braided sleeving with our 2/1 Shrinkflex tubing and create a unified finished look.

Colors Available:

Black (BK), Brown (BR), White (WH), Gray (GY), Clear (CL), Blue (BL), Green (GN), Yellow (YL), Orange (OR), Red (RD) and Purple (PP).

Colors Available: 11= call for availability of colors. 7* = BK, CL, GN, GY, RD, WH, and YL.





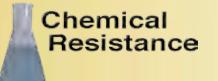


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Moisture Absorption % ASTM D-570_	0.5
Flammability Rating	UL 224, VW-1



Corrosion ASTM DTL-23053	No Corrosion
Fluid Resistance (73°F/ 23°C 24 hrs.)	1,000



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 🗖	THE OLD
194°F (90°C)	110 11
	G10* 8
Melt Point ASTM D-2117	MPERATURES
392°F (200°C) —	- 410 - U
Maximum Continuous —	
Mil-I-23053	2015
275°F (135°C)	A E B
	4 - FA
Minimum Continuous — -67°F (-55°C)	- 100'-

rinkflex

www.techflex.dk

PROPERTIES

Recommended Cutting	Scissors
Stock Colors	11
Tensile Strength PSI ASTM D-638	1,500
Elongation % ASTM D-638	200
Specific Gravity ASTM D-792	1.35
Low Temperature flex (-67°F/-55°C) MIL-DTL-23053	_No Cracking
Heat Shock (482°F/250°C) MIL-DTL-23053	_No Cracking
Heat Resistance (347°F/175°C, 168 Hrs.) ASTM	<i>D-638</i> 100
Secant Modulus PSI ASTM D-882	25,000
Longitudinal Change % MIL-DTL-23053	±5
Dielectric Strength (volts/mil) ASTM D-876	500
Volume Resistivity (ohm-cm) ASTM D-876	1.0 x 10 ¹⁴

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