

3/1 POLYOLEFIN

- **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

Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Put-Ups		Available Colors	Lbs/ 100'
				Bulk Spool	Shop Spool		
1/16"	H3N0.06	1.5	0.5	500'	25'	11	0.18
1/8"	H3N0.13	3.0	1.0	500'	25'	11	0.37
3/16"	H3N0.19	4.5	1.5	500'	25'	11	0.55
1/4"	H3N0.25	6.0	2.0	250'	25'	11	0.74
3/8"	H3N0.38	9.0	3.0	200'	25'	11	1.01
1/2"	H3N0.50	12.0	4.0	200'	25'	11	1.28
3/4"	H3N0.75	18.8	6.0	200'	25'	11	1.87
1"	H3N1.00	24.0	8.0	100'	25'	11	2.86
1 1/2"	H3N1.50	38.0	13.0	100'	25'	11	4.51
2"	H3N2.00	50.0	17.0	100'	25'	11	6.33
3"	H3N3.00	75.0	25.4	100'	20'	BK	10.33



Cut Cleanly

Scissor

Material
Polyolefin

Grade
H3N

Economical 3/1 Heatshrink Tubing Shrinks To 1/3 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.

The high shrink ratio of 3/1 ensures that it will slip over large connectors or plugs and still provide a tight, professional seal.

Colors Available:
11 = call for availability of colors.

Match the color of braided sleeving with our 3/1 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).



TECHFLEX
Braided Sleeving Products

www.techflex.com

800.323.5140 • 973.300.9242 • fax: 973.300.9409
29 Brookfield Dr • Sparta, NJ 07871

VW-1



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



Chemical Resistance

Corrosion ASTM DTL-23053 _____ No Corrosion
Fluid Resistance (23°C/73°F, 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.

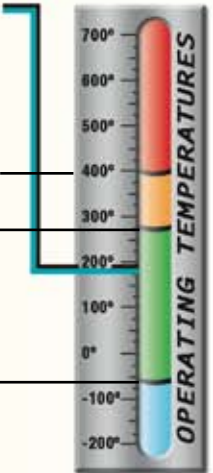
Shrinks
194°F (90°C)

Melt Point
ASTM D-2117

392°F (200°C)

Maximum Continuous
MIL-I-23053
275°F (135°C)

Minimum Continuous
-67°F (-55°C)



PHYSICAL 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) _____ No Cracking
MIL-DTL-23053

Heat Shock (482°F/ 250°C) _____ No Cracking
MIL-DTL-23053

Heat Resistance (347°F/175°C, 168 Hrs.) ASTM D-638 _____ 100

Secant Modulus PSI ASTM D-882 _____ 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 10¹⁴