

2:1 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

Put-Ups

Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Put-Ups		Available Colors	Lbs/ 100'
				Bulk Spool	Shop Spool		
3/64"	H2N0.05	1.3	0.6	500'	25'	11	0.16
1/16"	H2N0.06	1.8	0.8	500'	25'	11	0.22
1/8"	H2N0.13	3.4	1.6	500'	25'	11	0.43
3/16"	H2N0.19	5.0	2.4	500'	25'	2*	0.60
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	16.7	8.0	100'	25'	11	2.12
3/4"	H2N0.75	19.1	9.4	100'	25'	11	2.58
1"	H2N1.00	25.7	12.7	100'	25'	11	3.74
1 1/2"	H2N1.50	38.1	19.1	100'	25'	11	5.53
2"	H2N2.00	51.0	25.4	100'	25'	11	8.25
3"	H2N3.00	76.2	38.1	100'	25'	7*	13.15
4"	H2N4.00BK	101.6	50.8	100'	25'	Black	23.50



Cut Cleanly
Scissor

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.

Colors Available:

11= call for availability of colors.
7* = BK, CL, GN, GY, RD, WH, and YL.
2* = BK & CL.

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).



Material	Polyolefin
Grade	H2N



2:1 POLYOLEFIN

FLAMMABILITY

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



Chemical Resistance

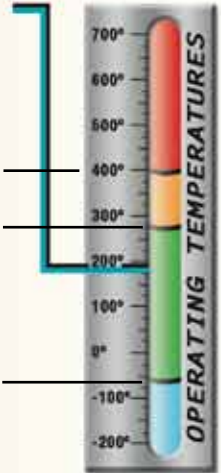
Corrosion *ASTM DTL-23053* _____ No Corrosion
 Fluid Resistance (73°F/23°C 24 hrs.) _____ 1,000

Shrinks
 194°F (90°C)

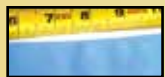
Melt Point
ASTM D-2117
 392°F (200°C)

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

Minimum Continuous
 -67°F (-55°C)



PHYSICAL PROPERTIES



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.

- 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
- Dielectric Strength (volts/mil) *ASTM D-876* _____ 500
- Volume Resistivity (ohm-cm) *ASTM D-876* _____ 1.0 x 10¹⁴

www.techflex.com