

- Temperature  
-67°F to 230°F
- Maximum Volt: 1000V
- UV-Resistant
- Ribbed Liner on Inside  
Provides Better Grip and  
Airtight Sealing
- The End Cap is Adhesive  
Lined to Bond with the Heat  
Shrink it Overlaps



**Cut Cleanly**  
**Scissor**

**Material**  
**Polyolefin**

**Grade**  
**HB**



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**Put-Ups**

Nominal Size	Part #	# Of Cores	Shrink Ratio	Length	Bulk Box Put Up/ Pcs.	Shop Box Put Up/ Pcs.	Available Colors	Lbs/ 10Pcs.
1"	HB21.00BK	2	3:1	2.2"	10	2	Black BK	0.13
1 1/5"	HB21.20BK	2	3:1	3.7"	10	2	Black BK	0.16
1 1/2"	HB21.50BK	2	3:1	5"	10	2	Black BK	0.20
2 1/2"	HB22.50BK	2	3:1	4.6"	10	2	Black BK	0.65
1 1/2"	HB31.50BK	3	3:1	4.3"	10	2	Black BK	0.82
2 1/2"	HB32.50BK	3	3:1	6.5"	10	2	Black BK	1.27
1 1/2"	HB41.50BK	4	3:1	4.1"	10	2	Black BK	0.41
2"	HB42.00BK	4	3:1	6"	10	2	Black BK	1.03
3"	HB43.00BK	4	3:1	7"	10	2	Black BK	1.92

Nominal Size	Part #	Boot (Bigger End)		Breakout (Smaller End)		Wall Thickness		Max Voltage
		Before Shrinking	After Shrinking	Before Shrinking	After Shrinking	Inlet	Outlet	
1"	HB21.00BK	25.4mm	7.62mm	8.89mm	3.56mm	2.29mm	1.78mm	1000
1 1/5"	HB21.20BK	30.48mm	12.7mm	13.97mm	4.57mm	2.54mm	2.29mm	1000
1 1/2"	HB21.50BK	38.1mm	15.24mm	15.24mm	5.08mm	2.03mm	2.03mm	1000
2 1/2"	HB22.50BK	63.5mm	22.86mm	25.4mm	7.62mm	2.54mm	2.54mm	1000
1 1/2"	HB31.50BK	38.1mm	15.24mm	15.24mm	4.57mm	2.03mm	2.03mm	1000
2 1/2"	HB32.50BK	63.5mm	25.4mm	25.4mm	7.62mm	3.05mm	2.54mm	1000
1 1/2"	HB41.50BK	35.56mm	15.24mm	13.97mm	3.56mm	2.29mm	2.03mm	1000
2"	HB42.00BK	50.8mm	45.72mm	20.32mm	5.08mm	3.10mm	2.54mm	1000
3"	HB43.00BK	76.2mm	25.4mm	27.94mm	7.11mm	3.30mm	2.80mm	1000

### 3:1 Heatshrink Boots Protect Cable Termination From Water, Moisture, Air, And Dirt

Specially designed for quick sealing and maximum strain relief, Shrinkflex® Boots provide complete insulation and protection when transitioning from single to multiple cables. An innovative, heat-activated interior adhesive coating forms a watertight seal and helps these boots conform snugly to conduits and cable jackets. Suitable for indoor and outdoor usage.

These boots have an adhesive-coating on the body and the legs to form a durable watertight seal, and conform tightly to conduits and cable jackets.

Colors Available:  
 Black (BK)



## FLAMMABILITY

Flammability Rating \_\_\_\_\_

## CHEMICAL RESISTANCE

Corrosion \_\_\_\_\_

Water Absorption \_\_\_\_\_

Fungus Resistance \_\_\_\_\_



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.

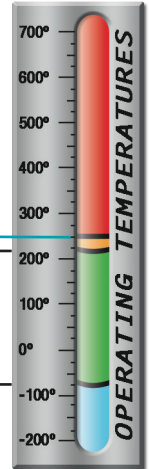


Measure the Shrinkflex® tubing to length and cut with a scissor. The thickness of your bundle, as well as the desired final appearance, will determine the length of the tubing you cut. Generally, a piece 1 1/2" - 2" long will accommodate almost any need. Single wires, or smaller bundles, require shorter pieces.

Shrinks  
248°F (120°C)

Maximum Continuous  
*Mil-DTL-23053*  
230°F (110°C)

Minimum Continuous  
*Mil-DTL-23053*  
-67°F (-55°C)



## PHYSICAL PROPERTIES

Recommended Cutting \_\_\_\_\_ Scissors

Colors \_\_\_\_\_ 1

Tensile Strength \_\_\_\_\_

Ultimate Elongation \_\_\_\_\_

Specific Gravity \_\_\_\_\_



## ELECTRICAL

Maximum Voltage \_\_\_\_\_ 1000V