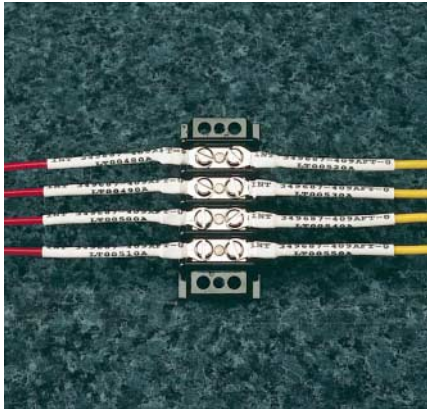


Custom Printed Sleeves

▶ HEAT-SHRINKABLE POLYOLEFIN SLEEVES



- ▶ Slip custom-printed sleeve over the wire and apply heat for a few seconds... a tight bond results
- ▶ Ideal as wire marker, insulator or splice – conforms to irregular shapes
- ▶ Type HSA is a general purpose heat-shrinkable sleeving made of flexible, irradiated, flame-retardant polyolefin. Available in White or Black
- ▶ Type HSB is a transparent version of the above. It is recommended for encapsulating, with Black or Red printing

HSA: White or Black Polyolefin

HSB: Clear Polyolefin

Size:		Inside Diameter Before Shrinkage Minimum	Inside Diameter After Shrinkage Minimum	Wall Thickness After Shrinkage Normal
HSA*	HSB	Inch (mm)	Inch (mm)	Inch (mm)
HSA-16	HSB-16	0.063 (1.60)	0.031 (0.80)	0.020 (.508)
HSA-24	HSB-24	0.093 (2.40)	0.046 (1.20)	0.020 (.508)
HSA-32	HSB-32	0.125 (3.20)	0.062 (1.60)	0.020 (.508)
HSA-48	HSB-48	0.187 (4.80)	0.093 (2.40)	0.020 (.508)
HSA-64	HSB-64	0.250 (6.40)	0.125 (3.20)	0.025 (.635)
HSA-95	HSB-95	0.375 (9.50)	0.187 (4.80)	0.025 (.635)
HSA-127	HSB-127	0.500 (12.70)	0.250 (6.40)	0.025 (.635)
HSA-190	HSB-190	0.750 (19.00)	0.375 (9.00)	0.030 (.762)
HSA-254	HSB-254	1.000 (25.40)	0.500 (12.80)	0.035 (.889)
HSA-381	HSB-381	1.500 (38.10)	0.750 (19.00)	0.040 (1.016)
HSA-508	HSB-508	2.000 (50.80)	1.000 (25.40)	0.045 (1.143)
HSA-762	HSB-762	3.000 (76.20)	1.500 (38.20)	0.050 (1.27)
HSA-1016	HSB-1016	4.000 (101.60)	2.000 (50.80)	0.055 (1.397)

**Add -WT or -BK to the stock number for choice of tubing color.*

Use this table for sizing. Consult factory for pricing and ordering information

Custom - 2,500 piece minimum, 100 per legend

Bulk Tubing

▶ HEAT-SHRINK TUBING



Make your own custom sleeves with the BradyMark™ bench hot stamper. HSA and HSB tubing (see below) are available in stock sizes ranging from a minimum inside diameter (before shrinking) of 0.046 in to a maximum I.D. (before shrinking) of 1.000 in.

HSA Tubing. General purpose heat-shrinkable sleeving made of flexible, irradiated and flame-retardant polyolefin. Available in black or white.

HSB Tubing. Transparent sleeve recommended for encapsulating.

HSA and HSB Tubing

Part [†] Number	Color	Part Number	Color	Package Feet (m)	ID, Before Shrinkage Minimum Inch (mm)	ID, After Shrinkage Minimum Inch (mm)
HSA-12	White or Black	HSB-12	Clear	100.00 (30.48)	0.046 (1.17)	0.023 (0.58)
HSA-16	White or Black	HSB-16	Clear	100.00 (30.48)	0.063 (1.60)	0.031 (0.80)
HSA-24	White or Black	HSB-24	Clear	100.00 (30.48)	0.093 (2.36)	0.046 (1.17)
HSA-32	White or Black	HSB-32	Clear	100.00 (30.48)	0.125 (3.18)	0.062 (1.60)
HSA-48	White or Black	HSB-48	Clear	100.00 (30.48)	0.187 (4.75)	0.093 (2.40)
HSA-64	White or Black	HSB-64	Clear	100.00 (30.48)	0.250 (6.35)	0.125 (3.18)
HSA-95	White or Black	HSB-95	Clear	100.00 (30.48)	0.375 (9.53)	0.187 (4.75)
HSA-127	White or Black	HSB-127	Clear	100.00 (30.48)	0.500 (12.70)	0.250 (6.35)
HSA-190	White or Black	HSB-190	Clear	100.00 (30.48)	0.750 (19.05)	0.375 (9.53)
HSA-254	White or Black	HSB-254	Clear	100.00 (30.48)	1.000 (25.40)	0.500 (12.70)
HSA-381	White only	HSB-381	Clear	100.00 (30.48)	1.500 (38.10)	0.750 (19.05)
HSA-508	White only	HSB-508	Clear	100.00 (30.48)	2.000 (50.80)	1.000 (25.40)

[†]For HSA tubing, add -WT or -BK to part number to specify color.

▶ PVC TUBING

Part Number	Package Feet (m)	Approx. Wire Gauge*	Minimum Inside Diameter Inch (mm)	Maximum Inside Diameter Inch (mm)	Part Number	Package Feet (m)	Approx. Wire Gauge*	Minimum Inside Diameter Inch (mm)	Maximum Inside Diameter Inch (mm)
PVC-24	100 (30.48)	34	0.020 (0.50)	0.027 (0.69)	PVC-4	100 (30.48)	10	0.204 (5.20)	0.224 (5.70)
PVC-16	100 (30.48)	22	0.051 (1.30)	0.061 (1.60)	PVC-3	100 (30.48)	8	0.229 (5.80)	0.249 (6.30)
PVC-15	100 (30.48)	22, 20	0.057 (1.40)	0.067 (1.70)	PVC-2	100 (30.48)	8	0.258 (6.60)	0.278 (7.10)
PVC-14	100 (30.48)	22, 20	0.064 (1.60)	0.072 (1.80)	PVC-1	100 (30.48)	8	0.289 (7.30)	0.311 (7.90)
PVC-13	100 (30.48)	20, 18	0.072 (1.80)	0.080 (2.00)	PVC-0	100 (30.48)	6	0.325 (8.30)	0.347 (8.80)
PVC-12	100 (30.48)	18, 16	0.081 (2.10)	0.089 (2.30)	PVC-312	100 (30.48)	6	0.310 (7.90)	0.332 (8.40)
PVC-11	100 (30.48)	18, 16	0.091 (2.30)	0.101 (2.60)	PVC-375	100 (30.48)	4, 6	0.375 (9.50)	0.399 (10.10)
PVC-10	100 (30.48) 500 (152.40)**	18, 16	0.102 (2.60)	0.112 (2.80)	PVC-437	100 (30.48)	2	0.438 (11.10)	0.462 (11.70)
PVC-9	100 (30.48) 500 (152.40)**	18, 16	0.114 (2.90)	0.124 (3.10)	PVC-500	100 (30.48)	1	0.500 (12.70)	0.524 (13.30)
PVC-8	100 (30.48) 500 (152.40)**	14, 16	0.129 (3.30)	0.141 (3.60)	PVC-562	100 (30.48)	0	0.562 (14.30)	0.592 (15.00)
PVC-7	100 (30.48) 500 (152.40)**	14	0.144 (3.70)	0.158 (4.00)	PVC-625	100 (30.48)	000	0.625 (15.90)	0.655 (16.60)
PVC-6	100 (30.48) 500 (152.40)**	12	0.162 (4.10)	0.178 (4.50)	PVC-750	100 (30.48)	0000	0.750 (19.00)	0.786 (20.00)
PVC-5	100 (30.48) 500 (152.40)**	10	0.182 (4.60)	0.198 (5.00)					

**PVC-5-10 may be ordered in 500 ft spools by adding -500 to the end of the part number (ie. PVC-5-500).

*Wires of the same conductor gauge may have different outside diameters depending on the insulation material used.