

Dual Wall (Adhesive-Lined)

The outer wall resists abrasion. The meltable inner wall keeps out moisture. These are just two of the many reasons why 3M™ Dual Wall Tubing and Adhesive (Dual Wall) is a smart pick when you need to protect components and equipment in high-moisture environments such as automotive and marine applications.



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3M™ Heat Shrink Tubing EPS-200 (continued)

3M™ Heat Shrink Tubing EPS-300

3M™ Heat Shrink Tubing EPS-300 is a thin-wall tubing offering the advantages of integral, dual wall construction. The tubing is made from flame-retardant, flexible polyolefin with an internal layer of special thermoplastic adhesive. The heat shrinkable outer wall is selectively irradiation cross-linked, while the adhesive maintains high flow and excellent adhesion characteristics. Standard color is black and standard length is six-inch (15,24 cm) cut pieces or four-foot (1,22 m) sticks. Additional sizes, colors and put-ups are available - please contact your 3M Electrical Products Sales Representative.

Standard Sizes and Dimensions

Ordering Size in.	Expanded I.D. (Minimum)		Recovered I.D. (Maximum)		Total Recovered Wall Thickness (Nominal)		Meltable Recovered Wall Thickness (Nominal)	
	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)
1/8	.125	(3,18)	.040	(1,02)	.040	(1,02)	.020	(0,51)
3/16	.187	(4,75)	.062	(1,57)	.040	(1,02)	.020	(0,51)
1/4	.250	(6,35)	.080	(2,03)	.040	(1,02)	.020	(0,51)
3/8	.375	(9,53)	.120	(3,05)	.055	(1,40)	.025	(0,62)
1/2	.500	(12,70)	.160	(4,06)	.070	(1,78)	.030	(0,76)
3/4	.750	(19,05)	.250	(6,35)	.085	(2,16)	.035	(0,89)
1	1.000	(25,40)	.320	(8,13)	.100	(2,54)	.040	(1,02)
1-1/2	1.500	(38,10)	.510	(12,95)	.100	(2,54)	.040	(1,02)

Note: Dimensions in inches are approximate.

Material	Polyolefin
Shrink Ratio	3:1
Operating Temperature	-67 to 230°F (-55 to 110°C)
Voltage	600 Volts Max.
Flame Retardant	No
RoHS 2011/65/EU	Yes
Specification	ABS

Agency Approvals  E-157227 

Manufacturing Origin 



Order No.	UPC	Size	Color	Format	Expanded/Recovered I.D.	Case Qty.
EPS300-1/8-6"-Black-10-10 Pc Pks	051128-60131	1/8" (3,18 mm)	Black	6" (152,4 mm) pieces	0.125"/0.040" (3,18/1,02 mm)	10/pk, 10 pks
EPS300-1/8-48"-Black-25 Pcs	051128-59770	1/8" (3,18 mm)	Black	48" (1,22 m) sticks	0.125"/0.040" (3,18/1,02 mm)	25
EPS300-1/8-48"-Black-250 Pcs	051128-59768	1/8" (3,18 mm)	Black	48" (1,22 m) sticks	0.125"/0.040" (3,18/1,02 mm)	250
EPS300-1/8-48"-Clear-250 Pcs	051128-59769	1/8" (3,18 mm)	Clear	48" (1,22 m) sticks	0.125"/0.040" (3,18/1,02 mm)	250
EPS300-1/8-48"-Black-Hdr-25 Pcs	051128-59789	1/8" (3,18 mm)	Black	48" (1,22 m) sticks w/ Hdr Label	0.125"/0.040" (3,18/1,02 mm)	25
EPS300-3/16-6"-Black-10-10 Pc Pks	051128-60067	3/16" (4,75 mm)	Black	6" (152,4 mm) pieces	0.187"/0.062" (4,75/1,57 mm)	10/pk, 10 pks
EPS300-3/16-48"-Black-12 Pcs	051128-59728	3/16" (4,75 mm)	Black	48" (1,22 m) sticks	0.187"/0.062" (4,75/1,57 mm)	12
EPS300-3/16-48"-Black-250 Pcs	051128-59917	3/16" (4,75 mm)	Black	48" (1,22 m) sticks	0.187"/0.062" (4,75/1,57 mm)	250
EPS300-3/16-48"-Clear-250 Pcs	051128-59755	3/16" (4,75 mm)	Clear	48" (1,22 m) sticks	0.187"/0.062" (4,75/1,57 mm)	250
EPS300-3/16-48"-Black-Hdr-12 Pcs	051128-59790	3/16" (4,75 mm)	Black	48" (1,22 m) sticks w/ Hdr Label	0.187"/0.062" (4,75/1,57 mm)	12
EPS300-1/4-6"-Black-10-10 Pc Pks	051128-60064	1/4" (6,35 mm)	Black	6" (152,4 mm) pieces	0.250"/0.080" (6,35/2,03 mm)	10/pk, 10 pks
EPS300-1/4-48"-Red-200 Pcs	051128-59766	1/4" (6,35 mm)	Red	48" (1,22 m) sticks	0.250"/0.080" (6,35/2,03 mm)	200



3M™ Heat Shrink Tubing EPS-300 (continued)

Order No.	UPC	Size	Color	Format	Expanded/Recovered I.D.	Case Qty.
EPS300-1/4-48"-Clear-200 Pcs	051128-59756	1/4" (6,35 mm)	Clear	48" (1,22 m) sticks	0.250"/0.080" (6,35/2,03 mm)	200
EPS300-1/4-48"-Black-200 Pcs	051128-59918	1/4" (6,35 mm)	Black	48" (1,22 m) sticks	0.250"/0.080" (6,35/2,03 mm)	200
EPS300-1/4-48"-Black-12 Pcs	051128-59729	1/4" (6,35 mm)	Black	48" (1,22 m) sticks	0.250"/0.080" (6,35/2,03 mm)	12
EPS300-1/4-48"-Black-Hdr-12 Pcs	051128-59791	1/4" (6,35 mm)	Black	48" (1,22 m) sticks w/ Hdr Label	0.250"/0.080" (6,35/2,03 mm)	12
EPS300-3/8-6"-Black-10-10 Pc Pks	051128-60070	3/8" (9,53 mm)	Black	6" (152,4 mm) pieces	0.375"/0.120" (9,53/3,05 mm)	10/pk, 10 pks
EPS300-3/8-48"-Red-125 Pcs	051128-59767	3/8" (9,52 mm)	Red	48" (1,22 m) sticks	0.375"/0.120" (9,53/3,05 mm)	125
EPS300-3/8-48"-Clear-125 Pcs	051128-59757	3/8" (9,52 mm)	Clear	48" (1,22 m) sticks	0.375"/0.120" (9,53/3,05 mm)	125
EPS300-3/8-48"-Black-125 Pcs	051128-59919	3/8" (9,52 mm)	Black	48" (1,22 m) sticks	0.375"/0.120" (9,53/3,05 mm)	125
EPS300-3/8-48"-Black-12 Pcs	051128-59730	3/8" (9,52 mm)	Black	48" (1,22 m) sticks	0.375"/0.120" (9,53/3,05 mm)	12
EPS300-3/8-48"-Black-Hdr-12 Pcs	051128-59792	3/8" (9,52 mm)	Black	48" (1,22 m) sticks w/ Hdr Label	0.375"/0.120" (9,53/3,05 mm)	12
EPS300-1/2-6"-Black-10-10 Pc Pks	051128-60062	1/2" (12,7 mm)	Black	6" (152,4 mm) pieces	0.50"/0.160" (12,70/4,06 mm)	10/pk, 10 pks
EPS300-1/2-6"-Red-10-10 Pc Pks	051128-60063	1/2" (12,7 mm)	Red	6" (152,4 mm) pieces	0.50"/0.160" (12,70/4,06 mm)	10/pk, 10 pks
EPS300-1/2-48"-Black-12 Pcs	051128-59731	1/2" (12,7 mm)	Black	48" (1,22 m) sticks	0.50"/0.160" (12,70/4,06 mm)	12
EPS300-1/2-48"-Black-75 Pcs	051128-59920	1/2" (12,7 mm)	Black	48" (1,22 m) sticks	0.50"/0.160" (12,70/4,06 mm)	75
EPS300-1/2-48"-Clear-75 Pcs	051128-59758	1/2" (12,7 mm)	Clear	48" (1,22 m) sticks	0.50"/0.160" (12,70/4,06 mm)	75
EPS300-1/2-48"-Red-75 Pcs	051128-59762	1/2" (12,7 mm)	Red	48" (1,22 m) sticks	0.50"/0.160" (12,70/4,06 mm)	75
EPS300-1/2-48"-Black-Hdr-12 Pcs	051128-59793	1/2" (12,7 mm)	Black	48" (1,22 m) sticks w/ Hdr Label	0.50"/0.160" (12,70/4,06 mm)	12
EPS300-1/2-48"-Red-Hdr-12 Pcs	051128-59794	1/2" (12,7 mm)	Red	48" (1,22 m) sticks w/ Hdr Label	0.50"/0.160" (12,70/4,06 mm)	12
EPS300-3/4-6"-Black-10-10 Pc Pks	051128-60068	3/4" (19,0 mm)	Black	6" (152,4 mm) pieces	0.750"/0.250" (19,05/6,35 mm)	10/pk, 10 pks
EPS300-3/4-6"-Red-10-10 Pc Pks	051128-60069	3/4" (19,0 mm)	Red	6" (152,4 mm) pieces	0.750"/0.250" (19,05/6,35 mm)	10/pk, 10 pks
EPS300-3/4-48"-Black-5 Pcs	051128-59732	3/4" (19,0 mm)	Black	48" (1,22 m) sticks	0.750"/0.250" (19,05/6,35 mm)	5
EPS300-3/4-48"-Black-45 Pcs	051128-59921	3/4" (19,0 mm)	Black	48" (1,22 m) sticks	0.750"/0.250" (19,05/6,35 mm)	45
EPS300-3/4-48"-Clear-45 Pcs	051128-59759	3/4" (19,0 mm)	Clear	48" (1,22 m) sticks	0.750"/0.250" (19,05/6,35 mm)	45
EPS300-3/4-48"-Red-45 Pcs	051128-59763	3/4" (19,0 mm)	Red	48" (1,22 m) sticks	0.750"/0.250" (19,05/6,35 mm)	45
EPS300-3/4-48"-Black-Hdr-5 Pcs	051128-59795	3/4" (19,0 mm)	Black	48" (1,22 m) sticks w/ Hdr Label	0.750"/0.250" (19,05/6,35 mm)	5
EPS300-3/4-48"-Red-Hdr-5 Pcs	051128-59796	3/4" (19,0 mm)	Red	48" (1,22 m) sticks w/ Hdr Label	0.750"/0.250" (19,05/6,35 mm)	5
EPS300-1-6"-Black-10-10 Pc Pks	051128-60065	1" (25,4 mm)	Black	6" (152,4 mm) pieces	1.00"/0.320" (25,40/8,13 mm)	10/pk, 10 pks
EPS300-1-6"-Red-10-10 Pc Pks	051128-60066	1" (25,4 mm)	Red	6" (152,4 mm) pieces	1.00"/0.320" (25,40/8,13 mm)	10/pk, 10 pks
EPS300-1-48"-Black-5 Pcs	051128-59733	1" (25,4 mm)	Black	48" (1,22 m) sticks	1.00"/0.320" (25,40/8,13 mm)	5
EPS300-1-48"-Black-24 Pcs	051128-59922	1" (25,4 mm)	Black	48" (1,22 m) sticks	1.00"/0.320" (25,40/8,13 mm)	24
EPS300-1-48"-Clear-24 Pcs	051128-59760	1" (25,4 mm)	Clear	48" (1,22 m) sticks	1.00"/0.320" (25,40/8,13 mm)	24
EPS300-1-48"-Red-24 Pcs	051128-59764	1" (25,4 mm)	Red	48" (1,22 m) sticks	1.00"/0.320" (25,40/8,13 mm)	24
EPS300-1-48"-Black-Hdr-5 Pcs	051128-59797	1" (25,4 mm)	Black	48" (1,22 m) sticks w/ Hdr Label	1.00"/0.320" (25,40/8,13 mm)	5
EPS300-1 1/2-48"-Black-5 Pcs	051128-59734	1-1/2" (38,1 mm)	Black	48" (1,22 m) sticks	1.50"/0.51" (38,10/12,95 mm)	5
EPS300-1 1/2-48"-Black-24 Pcs	051128-59923	1-1/2" (38,1 mm)	Black	48" (1,22 m) sticks	1.50"/0.51" (38,10/12,95 mm)	24
EPS300-1 1/2-48"-Clear-24 Pcs	051128-59761	1-1/2" (38,1 mm)	Clear	48" (1,22 m) sticks	1.50"/0.51" (38,10/12,95 mm)	24
EPS300-1 1/2-6"-Black-10-3 Pc Pks	051128-60129	1-1/2" (38,1 mm)	Black	6" (152,4 mm) pieces	1.50"/0.51" (38,10/12,95 mm)	3/pk, 10 pks

Dual Wall (Adhesive-Lined)

3M™ Heat Shrink Tubing EPS-300 Tubing Kit

3M™ Heat Shrink Tubing EPS-300 is a thin-wall tubing offering the advantages of integral, dual wall construction. The tubing is made from flame-retardant, flexible polyolefin-lined with an internal layer of special thermoplastic adhesive. The heat shrinkable outer wall is selectively irradiation cross-linked, while the adhesive maintains high flow and excellent adhesion characteristics. Standard color is black and standard lengths are four-foot (1,22 m) sticks and six-inch (15,24 cm) cut pieces. Additional sizes, colors and put-ups are available - please contact your 3M Electrical Markets Sales Representative.

Size	1/2", 3/4", 1" (12,7, 19,05, 25,4 mm)
Colors	Black & Red
Format	6" (15,24 cm) pieces
Material	Polyolefin
Shrink Ratio	3:1
Operating Temperature	-67 to 230°F (-55 to 110°C)
Voltage	600 Volts Max.
Flame Retardant	No
RoHS 2011/65/EU	Yes
Specification	ABS
Agency Approvals	
Manufacturing Origin	
Packaging	42 pieces/kit, 5 kits



Order No.	UPC	Contents	Expanded/Recovered I.D.	Size
EPS300-1/2 to 1-Black&Red-5-42 Pc Kits	051135- 38444	12-pcs EPS300-1/2-6"-Black	0.50"/0.16" (12,7/4,06 mm)	1/2" (12,7 mm)
		12-pcs EPS300-1/2-6"-Red	0.50"/0.16" (12,7/4,06 mm)	1/2" (12,7 mm)
		6-pcs EPS300-3/4-6"-Black	0.75"/0.25" (19,05/6,35 mm)	3/4" (19,05 mm)
		6-pcs EPS300-3/4-6"-Red	0.75"/0.25" (19,05/6,35 mm)	3/4" (19,05 mm)
		3-pcs EPS300-1-6"-Black	1.00"/0.32" (25,4/8,13 mm)	1" (25,4 mm)
		3-pcs EPS300-1-6"-Red	1.00"/0.32" (25,4/8,13 mm)	1" (25,4 mm)