



# HEAT SHRINK *Tubing*

- Thin Wall Cross-Linked Polyolefin
- Dual Wall Cross-Linked Polyolefin with Adhesive
- Medium Wall Cross-Linked Polyolefin with Adhesive
- Thick Wall Cross-Linked Polyolefin with Adhesive

# HEAT SHRINK TUBING FEATURES:



- Shrink ratio
  - Thin wall: 2:1
  - Dual wall: 3:1
  - Medium wall: 3:1
  - Thick wall: 3:1
- Continuous operating temperature
  - Thin wall: -55°C to 135°C
  - Dual wall: -55°C to 85°C
  - Medium wall: -40°C to 120°C
  - Thick wall: -40°C to 120°C
- Shrink temperature
  - Thin wall: > 90°C
  - Dual wall: >110°C
  - Medium wall: >110°C
  - Thick wall: >110°C
- Resistant to common fluids and solvents
- All product is UL and CSA listed
- Thin wall tubing is UV resistant
- Meets DEF. STAN 59.97\*
- Meets UL 224, 125°C and CSA C22.2 No. 198.1\*
- Meets
  - Thin wall: MIL-DTL-23053/5 Class 2 & 3
  - Dual wall: MIL-DTL-23053/4 Class 3
- Flame retardant (Does not include transparent)
  - Thin wall
  - Dual wall: Outer wall only
- Seals and protects cable splices and terminations
- The medium and thick wall series are ideally suited for underground and direct burial
- Available in many colors  
\*Medium & thick wall available in black only
- Custom cut and/or marking is available

\*Thin Wall

Thin Wall 2:1 Shrink Ratio					Size (inch)	I.D. (in mm)		Rec. Wall Thickness (mm)
100' Spool	50' Spool	25' Spool	48"	6"		Exp.	Rec.	
47-100100-XX	47-10050-XX	-	47-20048-XX	47-20006-XX	3/64	1.2	0.6	0.43
47-101100-XX	47-10150-XX	-	47-20148-XX	47-20106-XX	1/16	1.6	0.8	0.43
47-102100-XX	47-10250-XX	-	47-20248-XX	47-20206-XX	3/32	2.4	1.2	0.51
47-103100-XX	47-10350-XX	-	47-20348-XX	47-20306-XX	1/8	3.2	1.6	0.51
47-104100-XX	47-10450-XX	-	47-20448-XX	47-20406-XX	3/16	4.8	2.4	0.52
47-105100-XX	47-10550-XX	-	47-20548-XX	47-20506-XX	1/4	6.4	3.2	0.65
47-106100-XX	47-10650-XX	-	47-20648-XX	47-20606-XX	5/16	7.9	4.0	0.65
47-107100-XX	47-10750-XX	-	47-20748-XX	47-20706-XX	3/8	9.5	4.7	0.65
47-108100-XX	47-10850-XX	-	47-20848-XX	47-20806-XX	1/2	12.7	6.4	0.65
47-109100-XX	47-10950-XX	47-10925-XX	47-20948-XX	47-20906-XX	3/4	19.1	9.5	0.77
47-110100-XX	47-11050-XX	47-11025-XX	47-21048-XX	47-21006-XX	1	25.4	12.7	0.89
47-111100-XX	47-11150-XX	47-11125-XX	47-21148-XX	47-21106-XX	1 1/2	38.1	19.1	1.00
47-112100-XX	47-11250-XX	47-11225-XX	47-21248-XX	47-21206-XX	2	50.8	25.4	1.10

All dimensions are subject to change.

Dual Wall 3:1 Shrink Ratio		Size (inch)	I.D. (in mm)		Rec. Wall Thickness (mm)
48"	6"		Exp.	Rec.	
47-23048-XX	47-25006-XX	1/8	3.0	1.0	0.5
47-23148-XX	47-25106-XX	3/16	4.8	1.5	0.5
47-23248-XX	47-25206-XX	1/4	6.0	2.0	0.5
47-23348-XX	47-25306-XX	3/8	9.0	3.0	0.6
47-23448-XX	47-25406-XX	1/2	12.0	4.0	0.7
47-23548-XX	47-25506-XX	3/4	18.0	6.0	0.8
47-23648-XX	47-25606-XX	1	24.0	8.0	1.0
47-23748-XX	47-25706-XX	1 1/4	30.5	10.0	1.0
47-23848-XX	47-25806-XX	1 1/2	39.0	13.0	1.0

Medium Wall 3:1 Shrink Ratio		Size (inch)	I.D. (in mm)		Rec. Wall Thickness (mm)
48"			Exp.	Rec.	
47-300124-BK		.470	12	3	1.5
47-300206-BK		.790	20	6	2.5
47-300278-BK		1.060	27	8	2.5
47-304013-BK		1.570	40	13	2.5
47-305117-BK		2.000	50	17	2.5
47-307222-BK		2.830	72	22	2.5
47-309029-BK		3.540	90	29	2.5
47-312040-BK		4.720	120	40	2.5

Thick Wall 3:1 Shrink Ratio		Size (inch)	I.D. (in mm)		Rec. Wall Thickness (mm)
48"			Exp.	Rec.	
47-400124-BK		.470	12	3	2.5
47-400206-BK		.790	20	6	2.7
47-400328-BK		1.060	27	8	4.0
47-404013-BK		1.570	40	13	4.0
47-405517-BK		2.000	55	18	4.1
47-407222-BK		2.830	72	22	4.2
47-409029-BK		3.540	90	29	4.3
47-412040-BK		4.720	120	40	4.6

Note 1: Replace XX with: BK = Black, BL = Blue, R = Red, G = Green, Y = Yellow, W = White, CL = Clear, BR = Brown, GR = Grey, OR = Orange and VT = Violet.

Note 2: Premium colors (Brown, Grey, Orange and Violet) are only available in Thin Wall 48" lengths and in sizes from 3/64" up to 1".


Note 3: Medium and Thick Wall are available in black only



## THIN WALL ASSORTMENTS:

	Model	Color	Pieces	Bag/Box	Length (Inches)	Diameter (Inches)
	HS-ASST-1	Black	24	Bag	6	3/32, 1/8, 3/16, 1/4, 3/8, 1/2 (4 pieces of each diameter)
	HS-ASST-2	Black	158	Box	2 1/2	1/16 (60 pieces), 1/8 (40 pieces), 3/16 (20 pieces), 1/4 (18 pieces), 3/8 (10 pieces), 1/2 (10 pieces)
	HS-ASST-3	Red	158	Box	2 1/2	1/16 (60 pieces), 1/8 (40 pieces), 3/16 (20 pieces), 1/4 (18 pieces), 3/8 (10 pieces), 1/2 (10 pieces)
	HS-ASST-4	Black	28	Bag	4	1/16, 3/32, 1/8, 3/16, 1/4, 3/8, 1/2 (4 pieces of each diameter)
	HS-ASST-5	(2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White	10	Bag	6	1/8
	HS-ASST-6	(2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White	10	Bag	6	3/16
	HS-ASST-7	(2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White	10	Bag	6	1/4
	HS-ASST-8	(2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White	10	Bag	6	3/8
	HS-ASST-9	Black, Red, Clear, Green, Blue, Yellow, White	160	Box	4	1/16 (60 pieces), 3/32 (35 pieces), 1/8 (25 pieces), 3/16 (20 pieces), 1/4 (10 pieces), 3/8 (10 pieces)
	HS-ASST-10	(2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White	10	Bag	6	1/16
	HS-ASST-11	(2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White	10	Bag	6	3/32
	HS-ASST-12	(2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White	10	Bag	6	1/2

## DUAL WALL ASSORTMENTS:

	HS-ASST-13	Black	72	Box	4	1/8 (20 pieces), 3/16 (16 pieces), 1/4 (12 pieces), 3/8 (10 pieces), 1/2 (8 pieces), 3/4 (6 pieces)
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