

# TECHNICAL DATA SHEET

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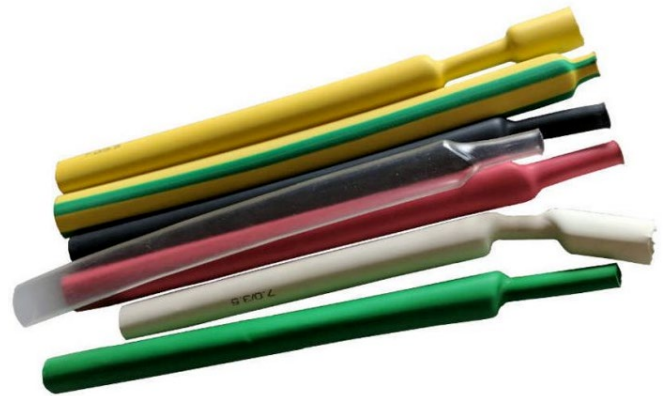
RoHS  
Compliant

## 2:1 NORMAL WALL HEAT SHRINK TUBING

**MODELS:  
PELB0297-PELB0428**

### Features:

Heat shrink tubing manufactured with modified radiation, cross-linked polyolefin (PO)  
Specially designed, halogen-free formulation makes the tubing very flexible and shrinks at lower temperature  
Suitable for applications where temperature-sensitive components protection, e.g. PVC jacketed wire and cable and quick shrinkage is required  
Has good mechanical and electrical performance



### Specification:

Halogen free  
Length: 1.2m  
Operating temperature: -55°C to +125°C  
Minimum shrink temperature: 70°C  
Full recovery temperature: 125°C  
Shrink ratio: 2:1  
Meets Sony-SS-00259  
Colours: Black, blue, brown, green, green/yellow, grey, red, transparent, white, yellow

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## Technical Data:

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥10.4 Mpa
Ultimate Elongation	ASTM D2671	≥200%
Longitudinal Shrinkage	UL 224	+/-5%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168hrs	≥7.3 Mpa ≥100%
Heat Shock	250°C, 4hrs	No cracking, no dripping
Flammability	FMVSS302	Pass
Dielectric Strength	ASTM D150	≥15kV/mm
Volume Resistivity	ASTM D2671	≥1x10 <sup>14</sup> Ω/cm
Copper Stability	UL 224	Pass
Copper Corrosion	UL 224	No Corrosion

## Product Dimensions:

Size		As Supplied		After Recovery	
Inch	mm	Internal Ø (mm)	Wall Thickness (mm)	Internal Ø (mm)	Wall Thickness (mm)
3/64	1.20	1.10	0.18	0.50	0.33
1/16	1.60	1.50	0.20	0.65	0.36
3/32	2.40	2.50	0.20	1.00	0.45
1/8	3.20	3.50	0.20	1.50	0.45
3/16	4.80	5.00	0.28	2.30	0.56
1/4	6.40	6.50	0.28	3.00	0.56
5/16	7.90	8.50	0.30	4.00	0.56
3/8	9.50	9.50	0.30	4.50	0.56
1/2	12.70	12.50	0.30	6.00	0.56
3/4	19.00	16.50	0.35	9.00	0.70
1	25.40	19.00	0.45	12.50	0.90
1-1/4	32.00	26.00	0.45	15.00	1.00
1-1/2	38.10	31.50	0.50	20.00	1.00
2	50.80	41.50	0.50	25.00	1.10

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**Product Codes:**

Description	Colour	Code
2:1 Normal Wall Heat Shrink Tubing, 1.20mm, 1.2m	Black	PELB0297
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m		PELB0298
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m		PELB0299
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m		PELB0300
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m		PELB0301
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m		PELB0302
2:1 Normal Wall Heat Shrink Tubing, 7.90mm, 1.2m		PELB0303
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m		PELB0304
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m		PELB0305
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m		PELB0306
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m		PELB0307
2:1 Normal Wall Heat Shrink Tubing, 32.00mm, 1.2m		PELB0308
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m		PELB0309
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m		PELB0310
2:1 Normal Wall Heat Shrink Tubing, 1.20mm, 1.2m		Transparent
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m	PELB0312	
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m	PELB0313	
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m	PELB0314	
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m	PELB0315	
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m	PELB0316	
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m	PELB0317	
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m	PELB0318	
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m	PELB0319	
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m	PELB0320	
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m	PELB0321	
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m	PELB0322	
2:1 Normal Wall Heat Shrink Tubing, 1.20mm, 1.2m	Red	PELB0323
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m		PELB0324
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m		PELB0325
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m		PELB0326
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m		PELB0327
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m		PELB0328
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m		PELB0329
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m		PELB0330

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Description	Colour	Code
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m	Red	PELB0331
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m		PELB0332
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m		PELB0333
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m		PELB0334
2:1 Normal Wall Heat Shrink Tubing, 1.20mm, 1.2m	Yellow	PELB0335
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m		PELB0336
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m		PELB0337
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m		PELB0338
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m		PELB0339
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m		PELB0340
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m		PELB0341
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m		PELB0342
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m		PELB0343
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m		PELB0344
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m		PELB0345
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m		PELB0346
2:1 Normal Wall Heat Shrink Tubing, 1.20mm, 1.2m	White	PELB0347
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m		PELB0348
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m		PELB0349
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m		PELB0350
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m		PELB0351
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m		PELB0352
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m		PELB0353
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m		PELB0354
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m		PELB0355
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m		PELB0356
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m		PELB0357
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m		PELB0358
2:1 Normal Wall Heat Shrink Tubing, 1.20mm, 1.2m		PELB0359
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m		PELB0360
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m		PELB0361
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m		PELB0362
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m		PELB0363
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m		PELB0364
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m	PELB0365	
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m	PELB0366	
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m	PELB0367	

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Description	Colour	Code
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m	Blue	PELB0368
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m		PELB0369
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m		PELB0370
2:1 Normal Wall Heat Shrink Tubing, 1.20mm, 1.2m	Brown	PELB0371
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m		PELB0372
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m		PELB0373
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m		PELB0374
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m		PELB0375
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m		PELB0376
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m		PELB0377
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m		PELB0378
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m		PELB0379
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m		PELB0380
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m		PELB0381
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m		PELB0382
2:1 Normal Wall Heat Shrink Tubing, 1.20mm, 1.2m		Green
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m	PELB0384	
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m	PELB0385	
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m	PELB0386	
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m	PELB0387	
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m	PELB0388	
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m	PELB0389	
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m	PELB0390	
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m	PELB0391	
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m	PELB0392	
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m	PELB0393	
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m	PELB0394	
2:1 Normal Wall Heat Shrink Tubing, 1.20mm, 1.2m	Grey	
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m		PELB0396
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m		PELB0397
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m		PELB0398
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m		PELB0399
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m		PELB0400
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m		PELB0401
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m		PELB0402
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m		PELB0403
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m		PELB0404

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Description	Colour	Code
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m	Grey	PELB0405
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m		PELB0406
2:1 Normal Wall Heat Shrink Tubing, 1.60mm, 1.2m	Green, Yellow	PELB0418
2:1 Normal Wall Heat Shrink Tubing, 2.40mm, 1.2m		PELB0419
2:1 Normal Wall Heat Shrink Tubing, 3.20mm, 1.2m		PELB0420
2:1 Normal Wall Heat Shrink Tubing, 4.80mm, 1.2m		PELB0421
2:1 Normal Wall Heat Shrink Tubing, 6.40mm, 1.2m		PELB0422
2:1 Normal Wall Heat Shrink Tubing, 9.50mm, 1.2m		PELB0423
2:1 Normal Wall Heat Shrink Tubing, 12.70mm, 1.2m		PELB0424
2:1 Normal Wall Heat Shrink Tubing, 19.00mm, 1.2m		PELB0425
2:1 Normal Wall Heat Shrink Tubing, 25.40mm, 1.2m		PELB0426
2:1 Normal Wall Heat Shrink Tubing, 38.10mm, 1.2m		PELB0427
2:1 Normal Wall Heat Shrink Tubing, 50.80mm, 1.2m		PELB0428

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