

3M™ Heat Shrinkable Tubing



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FP-301 FLEXIBLE POLYOLEFIN SHRINKABLE TUBING

- Shrink ratio: 2:1
- Shrink temperature: 100°C min.
- Temperature range: -55°C to +135°C
- Meets MIL-DTL-23053/5 Class 1&2
- Longitudinal shrinkage: <5%
- High resistance to solvents, acids, and alkalis
- Cross-linked polyolefin
- 600V @ 125°C



Small Reel: Replace blank with 5 for **Black**, 6 for **Clear**
Large Reel: Black is available from stock.
 Replace blank with: **BK** for **Black**, **R** for **Red**, **Y** for **Yellow**,
W for **White**, **BU** for **Blue**, **C** for **Clear**

Replace the blank in the Mouser Stock No. with:
 1 for **Black**, 2 for **Blue**, 3 for **Clear**, 4 for **Red**, 5 for **White**, 6 for **Yellow**, 7 for **Green**

*: Available from stock in black only

For quantities greater than listed, call for quote.

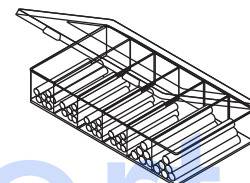
MOUSER STOCK NO.	Expanded I.D. (in.)	Price Per 4' Length			
		1	5	10	25
5174-1364	3/64	.87	.81	.764	.701
5174-1116	1/16	.87	.81	.764	.701
5174-1332	3/32	.92	.849	.80	.734
5174-118	1/8	.98	.907	.855	.784
5174-1316	3/16	.87	.839	.796	.765
5174-114	1/4	1.43	1.31	1.23	1.13
5174-138	3/8	1.59	-	1.47	1.40
5174-112	1/2	1.91	1.75	1.65	1.52
5174-134	3/4	2.41	2.21	2.09	1.91
5174-1100	1	4.01	3.14	3.05	3.00
5174-1112	1 1/2	7.11	6.53	6.17	5.66
5174-1200	2	9.82	9.03	8.51	7.81
5174-1300	3	21.11	19.39	18.29	16.78

Expanded I.D. (in.)	Small Reel			Large Reel		
	MOUSER STOCK NO.	Reel Lth. (ft.)	Price Per Reel	MOUSER STOCK NO.	Reel Lth. (ft.)	Price Per Reel
3/64	517-5_01	100	26.22	517-301364BK/REEL	1000	172.91
1/16	517-5_02	100	23.77	517-301116_/REEL	1000	164.29
3/32	517-5_03	100	24.53	517-301332BK/REEL	500	84.50
1/8	517-5_04	100	28.84	517-301018_/REEL	500	97.92
3/16	517-5_05	100	34.98	517-301316_/REEL	250	57.98
1/4	517-5_06	100	42.83	517-301014_/REEL	200	56.78
3/8	* 517-5507	100	48.32	517-301038_/REEL	200	64.10
1/2	517-5_08	100	47.24	517-301012_/REEL	200	73.11
3/4	* 517-5509	50	38.60	517-301034_/REEL	200	99.46
1	* 517-5510	50	81.51	517-301100_/REEL	100	75.78
1 1/2	* 517-5511	50	87.23	517-301112_/REEL	100	144.05
2	* 517-5512	50	137.65	517-301200_/REEL	100	199.06
3	-----	-	-	517-301300_/REEL	50	189.43
4	-----	-	-	517-301400C/REEL	50	273.79

EPS-300 ADHESIVE LINED POLYOLEFIN HEAT-SHRINK

Flexible bond with a wide variety of rubbers, plastics and metals. EPS-300 offers superb environmental protection for electronic components, wire splices, wire bundles, and harness breakouts. The tubing is made from flame-retardant, flexible polyolefin with an internal layer of special thermoplastic adhesive.

- Shrink ratio: 3:1
- Shrink temperature: 121°C min.
- Temperature range: -55°C to +110°C
- Superior moisture sealing
- Environmental protection
- Longitudinal shrinkage: <15%
- Tensile strength: 2100 PSI
- Dielectric strength: 700V/mil



Kit

MOUSER STOCK NO.	Size (in.)	Package Quantity	Color	Price Per Kit
517-5300	1/2, 3/4, 1	42	Red/Black	147.23

Precut 4' Lengths

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size (in.)	Color	Price Per 4' Length		
			1	5	10
5174-348316	3/16	Black	4.18	3.84	3.62
5174-348038	3/8	Black	8.72	6.61	5.15
5174-348012	1/2	Black	6.76	6.22	5.86
5174-348034	3/4	Black	9.22	8.47	7.99
5174-348100	1	Black	28.77	26.44	24.93

6" Refills for EPS-300 Kits

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size (in.)	Package Quantity	Color	Price Per Package		
				1	5	10
517-5307	3/16	24	Black	23.47	22.13	20.90
517-5308	1/4	20	Black	28.74	27.10	25.59
517-5309	3/8	16	Black	33.20	32.22	31.35
517-5301	1/2	14	Red	40.26	37.95	35.84
517-5302	1/2	14	Black	40.26	37.95	35.84
517-5303	3/4	12	Red	47.92	45.18	42.67
517-5304	3/4	12	Black	46.98	44.29	41.83
517-5306	1	8	Black	70.46	66.42	62.73

VFP-876 VERY FLEXIBLE SHRINKABLE TUBING

Ideal for shrink-fit jacketing and insulation of flexible wire bundles and sensitive components.

- Shrink ratio: 2:1
- Shrink temperature: 121°C min.
- Temperature range: -55°C to +135°C
- Longitudinal shrinkage: <5%
- Reels available upon request with a typical 1-2 week lead time

Available in **Black Only**

Precut 4' Lengths

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Expanded I.D. (in.)	Price Per 4' Length		
		1	5	10
5174-33321	3/32	1.13	1.04	.983
5174-3181	1/8	1.22	1.12	1.06
5174-33161	3/16	1.51	1.38	1.30
5174-3121	1/2	2.33	2.14	2.02
5174-31001	1	4.64	4.27	4.02

6" Lengths

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Number per package	Expanded I.D. (in.)	Price Per Package		
			1	5	10
517-6001	38	1/6	4.78	4.51	4.26
517-6002	36	3/32	5.60	4.77	4.50
517-6003	34	1/8	5.35	5.04	4.76
517-6015	30	3/16	6.07	5.72	5.40
517-6005	26	1/4	7.01	6.61	6.24
517-6006	24	3/8	5.58	5.25	4.96
517-6007	20	1/2	9.11	8.59	8.11

FP-301 FLEXIBLE POLYOLEFIN SHRINKABLE TUBING KIT

These heat shrink tubing kits are available in assorted colors or black. Each plastic box has a large selection of popular sizes and colors in 6" lengths. Assorted colors include black, red, white, yellow, blue, green, and clear.



- Shrink ratio: 2:1
- Shrink temperature: 100°C min.
- Reels are also available with a typical 1 to 2 week leadtime
- Operating temperature: -55°C to +135°C
- Longitudinal shrinkage: <5%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size (in.)	Package Quantity	Color	Price Each	
				1	5
517-5100	3/32 - 1/2	133	Assorted	88.00	84.63
517-5200	3/16/01	102	Black	88.00	84.63

6" Refills for FP-301 Kits

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size (in.)	Package	Color	Price Per Package
517-5101	3/32	35	Assorted	12.32
517-5102	1/8	28	Assorted	12.93
517-5103	3/16	21	Assorted	12.32
517-5203	3/16	30	Black	6.40
517-5104	1/4	21	Assorted	12.32
517-5204	1/4	26	Black	7.39
517-5105	3/8	14	Assorted	12.32
517-5205	3/8	24	Black	8.00
517-5106	1/2	14	Assorted	12.79
517-5206	1/2	20	Black	9.60
517-5207	3/4	14	Black	13.71
517-5208	1	10	Black	19.19