

Sleeving

Order code	Manufacturer code	Description
03-0490	n/a	3MM HEATSHRINK 3:1 BLACK 25M REEL (RC)

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The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007



Product Introduction:

The products is manufactured by special recipes and techniques, excellent wear-resistant performance, highlights of physical, chemical and electrical performance, could be widely used for insulation of beams and joints in the fields of military, aerospace and precision instruments, and other areas beams and connecting pieces of insulation, etc.

Characteristics:

1. Flame-retardant
2. Good resistance to common fluids and solvents;
3. Conforms to UL224 135 °C and AMS-DTL-23053/5 the CLASS 1 standard;
4. Minimum complete shrink temperature: 120 °C
5. Operating temperature: -55 °C ~ +135 °C
6. Shrink ratio 2:1, 3:1
7. RoHS compliant.

Standard color: Black (Other color available upon request.)

Technical Data:

Property	Test Method	Standard
Tensile Strength (MPa)	ASTM D638	≥ 10.4MPa
Elongation at Break	ASTM D638	≥ 200%
Longitudinal shrinkage	UL224	≤ ± 5%
Dielectric Strength	ASTM D150	≥ 15kV/mm
Vollume Resistance	ASTM D876	≥ 10 ¹¹ Ω .cm
Water Absorption	ASTM D570	≤ 0.5%
Copper stability	UL224	No corrosion

3:1 135°C Environment friendly flame-retardant heat shrinkable tube specification RSFR-135G(3X)

Size (mm)	As Supplied I.D. (mm)	After Supplied I.D. (mm)	After Recovered Average W.T.(mm)	Standard Package
1.5/0.5	>1.5	≤0.5	0.5 ± 0.1	200meter/spool
3.0/1.0	>3.0	≤1.0	0.65 ± 0.1	200meter/spool
4.5/1.5	>4.5	≤1.0	0.65 ± 0.1	100meter/spool
6.0/2.0	>6.0	≤2.0	0.75 ± 0.1	100meter/spool
9.0/3.0	>9.0	≤3.0	0.95 ± 0.15	50meter/spool
12.0/4.0	>12.0	≤4.0	1.1 ± 0.15	50meter/spool
15.0/5.0	>15.0	≤5.0	1.15 ± 0.15	50meter/spool
18.0/6.0	>18.0	≤6.0	1.25 ± 0.15	50meter/spool
24.0/8.0	>24	≤8.0	1.5 ± 0.20	25meter/spool
30.0/10.0	>30	≤10.0	1.7 ± 0.20	1.22meter/pc
39.0/13.0	>39	≤13.0	1.9 ± 0.20	1.22meter/pc
50/16	>50	≤16	2.5 ± 0.20	1meter/pc
60/20	>60	≤20	2.6 ± 0.20	1meter/pc
70/23	>70	≤23	2.6 ± 0.20	1meter/pc
80/26	>80	≤26	2.8 ± 0.20	1meter/pc
90/30	>90	≤30	2.8 ± 0.20	1meter/pc
100/33	>100	≤33	3.0 ± 0.20	1meter/pc

2:1 135°C Environment friendly flame-retardant heat shrinkable tube specification RSFR-135G(2X)

Size		As Supplied I.D.(minimum)		After Recovered		Standard Package (m/spool)
		(mm)		W.T.(mm)		
Inch	mm	Max. I.D. (mm)	W.T.(mm)	Max. I.D. (mm)	W.T.(mm)	
3/64	Φ0.8	1.2	0.6	0.40 ± 0.08	0.40 ± 0.08	200
1/16	Φ1.0	1.6	0.8	0.43 ± 0.08	0.43 ± 0.08	200
3/32	Φ2.0	2.4	1.2	0.51 ± 0.08	0.51 ± 0.08	200
1/8	Φ3.0	3.2	1.6	0.51 ± 0.08	0.51 ± 0.08	200
3/16	Φ4.5	4.8	2.4	0.51 ± 0.08	0.51 ± 0.08	100
1/4	Φ6.0	6.4	3.2	0.64 ± 0.08	0.64 ± 0.08	100
3/8	Φ9.0	9.5	4.8	0.64 ± 0.08	0.64 ± 0.08	100
1/2	Φ12	12.7	6.4	0.64 ± 0.08	0.64 ± 0.08	50
5/8	Φ16	16.0	8.0	0.76 ± 0.08	0.76 ± 0.08	50
3/4	Φ18	19.1	9.5	0.76 ± 0.08	0.76 ± 0.08	50
1	Φ25	25.4	12.7	0.89 ± 0.12	0.89 ± 0.12	50
1-½	Φ40	38.1	19.1	1.02 ± 0.12	1.02 ± 0.12	50
2	Φ50	50.8	25.4	1.27 ± 0.12	1.27 ± 0.12	25
3	Φ80	76.2	38.1	1.27 ± 0.12	1.27 ± 0.12	25
4	Φ100	101.6	50.8	1.40 ± 0.20	1.40 ± 0.20	25