

**RSFR-H**

2:1 Yellow/Green

**RSFR-H** Yellow/Green - Heat shrinkable polyolefin tubingUL approved  
UL category YDPU2/8  
File E203950

<b>Item description:</b>	Flame Retardant – Heat Shrinkable Tube
<b>Item Code:</b>	RSFR-H (Yellow/Green)
<b>UL File:</b>	E203950–Cat. UL YDPU2/8 (Tubing, Extruded Insulation – Component) VW-1 600Volt

This specification defines technical requirement, testing method, testing rules and packing of heat shrinkable tubes.

### Applications

RSFR-H heat shrinkable tubing is used as connection, protection, identification... of electrical cables. Also used as electrical insulation, mechanical protection in general; as a protection of metallic rods, tubes, antenna...

### Standard

Standard for Extruded Electrical Tubing UL224

### Description

RSFR-H tube is extruded, radiate to make it cross linked, then expanded and cooled at the required size.

### Technical requirements:

Temperature ranges: -55°C +125°C  
Shrinking ratio: 2:1  
Shrinking temperature: starts at 70°C and shrunk totally at 125°C  
Longitudinal shrinking: ≤ 5% (±5%)

**Colors:** Yellow/Green



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Technical specifications		Testing method	Requirement
Specification	Tensile strenght /MPa	ASTM D2671	≥10.4
	Elongation %	ASTM D2671	≥200
	Tensile strenght after aging /MPa	UL224 158°Cx168hr	≥7.3
	Elongation after aging %	UL224 158°Cx168hr	≥100
	Dielectric strenght KV/mm	IEC 243	≥15
	Volume resistance Ω cm	IEC 93	≥1x10 <sup>14</sup>
	Flammability	UL224	VW-1

Dimensional values			
As supplied mm.	After recovery mm.		Packing mt.
Diam.mm.	Diam.mm.	Thickness mm.	
1.2	≤ 0.6	0.30 ± 0.10	200
1.6	≤ 0.8	0.35 ± 0.10	200
2.4	≤ 1.2	0.36 ± 0.10	200
3.2	≤ 1.6	0.40 ± 0.10	200
4.8	≤ 2.4	0.45 ± 0.10	100
6.4	≤ 3.2	0.50 ± 0.10	100
9.5	≤ 4.8	0.55 ± 0.010	100
12.7	≤ 6.4	0.60 ± 0.10	100
16.0	≤ 8.0	0.70 ± 0.15	100
19.0	≤ 9.5	0.75 ± 0.15	100
25.4	≤ 12.7	0.90 ± 0.15	50
29.0	≤ 14.5	0.95 ± 0.15	50
32.0	≤ 16.0	0.95 ± 0.15	50
38.1	≤ 19.0	1.00 ± 0.20	50
50.8	≤ 25.4	1.00 ± 0.20	25
76.2	≤ 38.1	1.20 ± 0.20	25
100	≤ 50.8	1.65 ± 0.20	25
120	≤ 60.0	1.70 ± 0.20	15

It must be stored in a dry place, inside plastic bags, away from direct sunlight, weathering, chemical materials, direct heat sources or fire. Storage time is 12 months.

The values given above are believed to be accurate and given as a matter of information only. As usage conditions are beyond our control we suggest the customer to confirm values and product compatibility prior to its use. We don't guarantee nor accept any responsibility for any particular usage.



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