



RSFR-H

Universal heat shrink tubing with excellent physical and mechanical properties



Features

- Flexible
- Flame retardant
- Continuous operating temperature: -55°C ~ 125°C
- Fully shrink temperature: $\geq 120^\circ\text{C}$
- RoHS compliant

Dimensions

Size		As Supplied	After Recovery		Standard Package
Inch	mm	Internal Diameter mm	Internal Diameter mm	Wall Thickness mm	Spool Length M/spool
3/64	0.8	1.1 ± 0.2	0.50	0.22	200
1/16	1.0	1.5 ± 0.2	0.65	0.28	200
	1.5	2.0 ± 0.2	0.85	0.32	200
3/32	2.0	2.5 ± 0.2	1.00	0.35	200
	2.5	3.0 ± 0.2	1.30	0.38	200
1/8	3.0	3.5 ± 0.2	1.50	0.40	200
	3.5	4.0 ± 0.2	1.80	0.42	200
	4.0	4.5 ± 0.2	2.00	0.45	200
3/16	4.5	5.0 ± 0.2	2.30	0.50	200
	5.0	5.5 ± 0.2	2.5	0.55	100
1/4	6.0	6.5 ± 0.2	3.0	0.55	100
5/16	7.0	7.5 ± 0.3	3.5	0.55	100
	8.0	8.5 ± 0.3	4.0	0.60	100
3/8	9.0	9.5 ± 0.3	4.5	0.60	100
	10.0	10.5 ± 0.3	5.0	0.60	100
	11.0	11.5 ± 0.3	5.5	0.60	100
1/2	12.0	12.5 ± 0.3	6.0	0.60	100
	13.0	13.5 ± 0.3	6.5	0.65	100
	14.0	14.5 ± 0.3	7.0	0.65	100
5/8	15.0	15.5 ± 0.4	7.5	0.70	100
	16.0	16.5 ± 0.4	8.0	0.70	100
	17.0	17.5 ± 0.4	8.5	0.70	100
3/4	18.0	19.0 ± 0.5	9.0	0.80	100
	20.0	21.0 ± 0.5	10.0	0.80	100
	22.0	23.0 ± 0.5	11.0	0.80	100
1	25.0	26.0 ± 0.5	12.5	0.90	50
	28.0	29.0 ± 0.5	14.0	0.90	50
1-1/4	30.0	31.5 ± 1.0	15.0	0.95	50
1-1/2	35.0	36.5 ± 1.0	17.5	1.00	50
	40.0	41.5 ± 1.0	20.0	1.00	50
	45.0	46.5 ± 1.0	22.5	1.00	25
2	50.0	≥ 50	25.0	1.00	25
	60.0	≥ 60	31.0	1.30	25
	70.0	≥ 70	36.0	1.30	25
3	80.0	≥ 80	41.0	1.46	25
	90.0	≥ 90	46.0	1.46	25
4	100.0	≥ 100	51.0	1.46	25
5	120.0	≥ 120	61	1.56	25
6	150.0	≥ 150	76	1.56	25
7	180.0	≥ 180	91	1.56	25

Technical Data

Property	Test Method	Typical Performance
Tensile strength(MPa)	ASTM D 2671	≥ 10.4
Ultimate elongation(%)	ASTM D 2671	≥ 200
Tensile strength after heat aged(Mpa)	158°CX168h	≥ 7.3
Ultimate elongation after heat aged (%)	158°CX168h	≥ 100
Longitudinal change(%)	ASTM D 2671	-5% ~ +5%
Flammability	ASTM D 2671 C method	VW-1
Voltage withstand	UL 224, 2500V, 60s	No breakdown
Dielectric strength (kv/mm)	ASTM D 149	≥ 15
Volume resistivity ($\Omega \cdot \text{cm}$)	ASTM D 876	$\geq 10^{14}$