



WL-HST(2X)

Zero Halogen Polyolefin Heat Shrink Tube

Zero halogen heat shrink tubing is designed by halogen free polyolefin, through cross link and continuous expansion. It is widely used in electronics, automobiles, wire harness, cable connections, etc.

Characteristics:

1. Operation Temperature: -45~+125 °C
2. Operation Voltage: 300V, 600V
3. Flame retardant and low smoke generation if burning
4. Color: Black, White, Clear, Red, Blue, Yellow, Green, etc.



Specification:

Property		Unit	Test Method	Standard
Tensile Strength		MPA	≥10.4(before aging)	ASTM D 2671
			≥7.3(after aging)	158°C*168h
Breakage Elongation (%)		%	≥200(before aging)	ASTM D 2671
			≥100(after aging)	158°C*168h
Heat Shock		-	no sticking & no cracking	UL 224, 250°C*4h
Cold Blend		-	no cracking	-30°C*4h
Breakdown Strength		KV/mm	≥15	ASTM D 149
Dielectric Withstand	600V	-	UL 224	no breakdown for 2500V, 60s
	300V	-	UL 224	no breakdown for 1500V, 60s
Volume Resistivity		Ω. cm	≥1×10 ¹⁴	IEC 60093
Corrosion Performance		-	UL 224	158°C*168h
Copper Stability		-	UL 224	158°C*168h
Flammability		-	UL 224	VW-1



Dimensions:

Size	As Supplied (mm)		After Recovery(mm)		Standard Package (Meter/Spool)	Application Range (mm)
Inner Diameter (mm)	Inner Diameter (mm)	Wall Thickness (mm)	Inner Diameter Max(mm)	Wall Thickness (mm)		
Φ0.8	1.1±0.2	0.15±0.05	0.5	0.22	200	0.6~0.8
Φ1.0	1.5±0.2	0.15±0.05	0.7	0.28	200	0.75~0.9
Φ1.5	2.0±0.2	0.18±0.05	0.9	0.32	200	0.95~1.4
Φ2.0	2.5±0.2	0.18±0.05	1.0	0.35	200	1.1~1.8
Φ2.5	3.0±0.2	0.18±0.05	1.3	0.38	200	1.4~2.3
Φ3.0	3.5±0.2	0.18±0.05	1.5	0.40	200	1.6~2.7
Φ3.5	4.0±0.2	0.22±0.05	1.8	0.42	200	1.9~3.2
Φ4.0	4.5±0.2	0.25±0.05	2.0	0.45	200	2.1~3.6
Φ4.5	5.0±0.2	0.25±0.05	2.3	0.50	200	2.4~4.0
Φ5.0	5.5±0.2	0.25±0.05	2.5	0.55	200	2.6~4.5
Φ6.0	6.5±0.2	0.28±0.05	3.0	0.55	200	2.85~5.0
Φ7.0	7.5±0.3	0.28±0.05	3.5	0.55	100	3.7~6.3
Φ8.0	8.5±0.3	0.28±0.05	4.0	0.60	100	4.2~7.2
Φ9.0	9.5±0.3	0.30±0.08	4.5	0.60	100	4.7~8.0
Φ10	10.5±0.3	0.30±0.08	5.0	0.60	100	5.2~9.0
Φ11	11.5±0.3	0.30±0.08	5.5	0.60	100	5.7~10
Φ12	12.5±0.3	0.30±0.08	6.0	0.60	100	6.2~11
Φ13	13.5±0.3	0.35±0.10	6.5	0.65	100	6.7~12
Φ14	14.5±0.3	0.35±0.10	7.0	0.65	100	7.3~13
Φ15	15.5±0.4	0.40±0.12	7.5	0.70	100	7.8~14
Φ16	16.5±0.4	0.40±0.12	8.0	0.70	100	8.3~15
Φ17	17.5±0.4	0.40±0.12	8.5	0.70	100	8.8~16
Φ18	19.0±0.5	0.40±0.15	9.0	0.80	100	9.3~17
Φ20	21.0±0.5	0.40±0.15	10.0	0.80	100	10.4~19
Φ22	23.0±0.5	0.40±0.15	11.0	0.80	100	11.4~21
Φ25	26.0±0.5	0.50±0.15	12.5	0.90	50	12.9~24
Φ28	29.0±0.5	0.50±0.15	14.0	0.90	50	14.4~27
Φ30	31.5±1.0	0.50±0.15	15.0	0.95	50	46~29
Φ35	36.5±1.0	0.50±0.15	17.5	1.00	50	18~34
Φ40	41.5±1.0	0.55±0.15	20.0	1.00	50	21~39
Φ45	46.5±1.0	0.55±0.15	22.5	1.00	25	23.5~44
Φ50	≥50	0.60±0.15	25.0	1.00	25	26~49
Φ60	≥60	0.60±0.15	31.0	1.30	25	35~55



深圳市导宇电子有限公司

Shenzhen Worldlink Industrial co., Ltd.

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Inner Diameter (mm)	Inner Diameter (mm)	Wall Thickness (mm)	Inner Diameter Max(mm)	Wall Thickness (mm)		
Φ70	≥70	0.60±0.15	36.0	1.30	25	40~65
Φ80	≥80	0.60±0.15	41.0	1.46	25	45~75
Φ90	≥90	0.60±0.15	46.0	1.46	25	50~85
Φ100	≥100	0.65±0.20	51.0	1.46	25	55~95
Φ120	≥120	0.65±0.20	61.0	1.56	25	65~115
Φ150	≥150	0.65±0.20	76.0	1.56	25	80~145
Φ180	≥180	0.65±0.30	91.0	1.56	25	95~175