

## W1HL2X-YG、W1HL3X-YG (RSFR-(2X、3X)YG)

### 環保型黃綠管熱收縮套管

#### Yellow/Green Striped Thin Wall Cross-linked Polyolefin Heat Shrink Tubing



#### 環保型黃綠管熱收縮套管：

黃綠熱收縮套管採用優質的黃、綠聚烯烴材料經過特殊加工製造而成。該產品具有柔軟、阻燃、收縮快、顏色鮮明持久、性能穩定、符合 ROHS 等優點。廣泛應用於電線束或電纜中地線的標識，特殊線纜或管道的標識等。

#### Product Introduction：

Yellow/Green Heat Shrink tube is made of excellent yellow and green polyethylene material by special method. This product has the excellent advantages of soft, flammability, fast shrinking, bright color stand, stable performance and meet RoHS standard and so on. The tube is widely applied to wire or cable middle earth wire marks, special wire cable or conduit marks, etc.

#### 特點：

1. 柔軟、高阻燃、顏色鮮明持久
2. 使用方便，用熱風槍加熱即可收縮。

#### Feature：

1. Soft, high flame retardant, bright stable color.
2. Easy usage, heat shrink by oven or hot gun.

#### 工作溫度範圍：

1. 適用範圍：-55℃ ~ 125℃；
2. 開始收縮溫度：70℃；完全收縮溫度 125℃。
3. 縱向收縮率  $\leq \pm 8\%$

#### Temperature Range：

1. Operating Temperature: -55℃ ~ 125℃.
2. Shrink Temperature: Start at 70℃ ; shrunk totally at 125℃.
3. longitudinal shrink ratio :  $\leq \pm 8\%$

#### 規格： $\Phi 1 \sim \Phi 180$

**Specification:** The Available sizes starts from  $\Phi 1$  to  $\Phi 180$ .

**收縮工具：** 用烘箱和熱風槍加熱即可收縮。

**Heating Tools：** Using oven or heat gun to let it shrink.

**顏色：** 黃綠相間。

**Standard colors：** Yellow and Green striped.

**收縮比(Shrink ratio)：** 2:1、3:1

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性能特性 Technical Data :

性能 Property	測試方法 Test Method	性能指標 Standard
拉伸強度 (MPa) Tensile strength	GB/T1040	≥ 10.4
斷裂伸長率 (%) Elongation	GB/T1040	≥ 200
擊穿強度 (kv / mm) Dielectric strength	GB/T1408	≥ 15
體積電阻率 (Ω.cm) Volume resistivity	GB/T1410	≥ 1 × 10 <sup>14</sup>
熱老化後拉伸強度(MPa) Tensile strength after aging	UL224 158 °C × 168hr	≥ 7.3
熱老化後斷裂伸長率(%) Elongation after aging	UL224 158 °C × 168hr	≥ 100
耐熱衝擊 Heat shock	UL224 250 °C × 4hr	不發粘 (No dripping) 不龜裂 (No cracking)
阻燃性 Flammability	UL224	VW-1

## W1HL3X-YG (RSFR-3XYG)

環保型黃綠管熱收縮套管

Yellow/Green Striped Thin Wall Cross-linked Polyolefin Heat Shrink Tubing

規格 Size		收縮前最小內徑 As supplied Min I.D.	自由收縮後 After recovery		標準包裝 Package
Inch	mm	內徑 I.D.(mm)	最大內徑 Max I.D.(mm)	壁厚 W.T.(mm)	米/盤 M/Spool
1/8	Φ3.2	≥ 3.2	≤ 1.0	0.55±0.15	200
3/16	Φ4.8	≥ 4.8	≤ 1.5	0.60±0.15	100
1/4	Φ6.4	≥ 6.4	≤ 2.0	0.65±0.15	100
3/8	Φ9.5	≥ 9.5	≤ 3.0	0.75±0.15	50
1/2	Φ12.7	≥ 12.7	≤ 4.0	0.75±0.20	50
3/4	Φ19.1	≥ 19.1	≤ 6.0	0.85±0.20	50
1	Φ25.4	≥ 25.4	≤ 8.0	1.00±0.20	50
1 1/2	Φ39	≥ 39.0	≤ 13.0	1.50±0.20	1.22M/支 or 50M/捲

# W1HL2X-YG (RSFR-2XYG)

## 環保型黃綠管熱收縮套管

### Yellow/Green Striped Thin Wall Cross-linked Polyolefin Heat Shrink Tubing

規格 Size(mm)	收縮前尺寸 As Supplied		收縮後尺寸 After Recovery(mm)		標準包裝 Standard Package		適用範圍 Application Range (mm)
	內徑 I.D.	內徑 I.D.	平均壁厚 Average	米/盤 M/spool	盤/箱 Spools/ctn	包裝箱規格 CartonSize(cm)	
Φ1.0	1.5±0.3	≤0.65	0.28±0.10	200	16	31x31x44.5	0.75~0.9
Φ1.5	2.0±0.3	≤0.85	0.30±0.10	200	12	31x31x44.5	0.95~1.40
Φ2.0	2.5±0.3	≤1.00	0.35±0.10	200	15	46x46x44.5	1.10~1.80
Φ2.5	3.0±0.3	≤1.30	0.36±0.10	200	13	46x46x44.5	1.35~2.3
Φ3.0	3.5±0.4	≤1.50	0.38±0.10	200	11	46x46x44.5	1.60~2.70
Φ3.5	4.0±0.4	≤1.80	0.40±0.10	200	9	46x46x44.5	1.85~3.2
Φ4.0	4.5±0.4	≤2.00	0.45±0.10	200	7	46x46x44.5	2.1~3.6
Φ4.5	5.0±0.4	≤2.30	0.45±0.10	100	10	46x46x44.5	2.35~4.0
Φ5.0	5.5±0.4	≤2.5	0.45±0.10	100	9	46x46x44.5	2.6~4.5
Φ6.0	6.5±0.4	≤3.0	0.50±0.10	100	7	46x46x44.5	3.1~5.4
Φ7.0	7.5±0.4	≤3.5	0.50±0.10	100	14	46x46x31	3.7~6.3
Φ8.0	8.5±0.5	≤4.0	0.55±0.10	100	13	46x46x31	4.2~7.2
Φ9.0	9.5±0.5	≤4.5	0.55±0.10	100	12	46x46x31	4.7~8.0
Φ10	10.5±0.5	≤5.0	0.55±0.10	100	11	46x46x31	5.2~9.0
Φ11	11.5±0.5	≤5.5	0.60±0.10	100	11	46x46x31	5.7~10
Φ12	12.5±0.5	≤6.0	0.60±0.10	100	10	46x46x31	6.2~11
Φ13	13.5±0.5	≤6.5	0.60±0.10	100	9	46x46x29.5	6.7~12
Φ14	14.5±0.5	≤7.0	0.65±0.10	100	9	46x46x31	7.3~13
Φ15	15.5±0.6	≤7.5	0.70±0.10	100	8	46x46x29.5	7.8~14
Φ16	17.0±0.6	≤8.0	0.70±0.10	100	8	46x46x31	8.3~15
Φ17	17.5±0.6	≤8.5	0.70±0.10	100	7	46x46x29.5	8.8~16
Φ18	19.0±0.7	≤9.0	0.70±0.15	100	7	46x46x29.5	9.3~17
Φ20	22.0±0.7	≤10.0	0.75±0.15	100	6	46x46x29.5	10.4~19
Φ22	24.0±0.7	≤11.0	0.80±0.15	100	6	46x46x31	11.4~21
Φ25	26.0±0.7	≤12.5	0.90±0.15	50	6	46x46x31	12.8~24
Φ28	29.0±0.7	≤14.0	0.90±0.15	50	5	46x46x29.5	14.4~29
Φ30	31.5±0.7	≤15.0	0.95±0.15	50	5	46x46x31	16~29
Φ35	36.5±0.7	≤17.5	0.95±0.15	50	4	46x46x29.5	18~34
Φ40	41.5±0.7	≤20.0	1.00±0.20	50	4	46x46x31	21~39
Φ45	46.0±0.7	≤22.5	1.00±0.20	25	5	31x31x40.5	23~44
Φ50	51.0±0.7	≤25.0	1.00±0.20	25	5	31x31x44.5	26~49
Φ60	≥60	≤30.0	1.10±0.20	25	4	31x31x42	35~55
Φ70	≥70	≤35.0	1.20±0.20	25	3	31x31x37	40~65
Φ80	≥80	≤40.0	1.30±0.20	25	3	31x31x42	45~75
Φ90	≥90	≤45.0	1.50±0.20	25	2	31x31x32	50~88
Φ100	≥100	≤50.0	1.65±0.20	25	2	31x31x34.5	55~95
Φ120	≥120	≤60.0	1.70±0.20	15	2	31x31x40.5	65~115
Φ150	≥150	≤75.0	1.70±0.20	15	2	31x31x49.5	80~145
Φ180	≥180	≤90.0	1.75±0.20	15	1	31x31x31	95~175