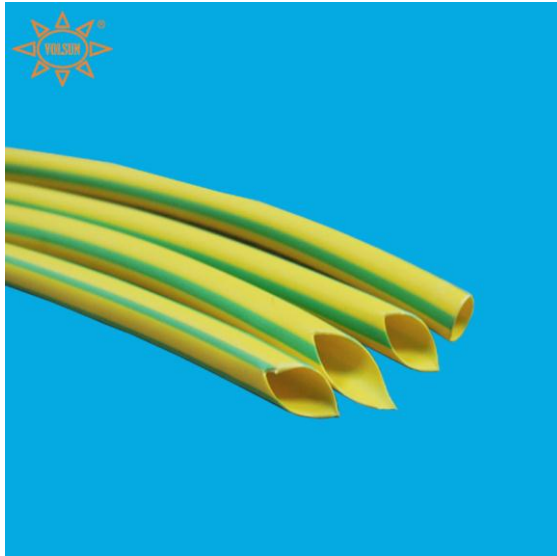




## DBRS-125G (2X) (3X) YG

### Yellow/Green Stripped Heat Shrink Tubing



#### Description

**DBRS-125G(2X)(3X)YG** is made through co-extrusion of two different colored specially formulated master batches of polyolefin and irradiation cross-linking process with electronic accelerators .Typical applications include identification of earth wire or other special cables and wires.

#### Features

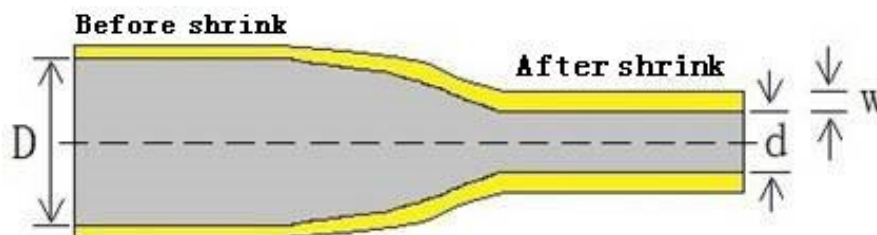
- Shrink Ratio:2:1,3:1
- Highly flame retardant、 environment friendly
- Shrink temperature:70°C ~ 125°C
- Continuous operating temperature:
  - ◆ -55°C ~ 125°C (2:1)
  - ◆ -55°C ~ 135°C (3:1)
- RoHS compliant
- Standard colors: Yellow/Green Striped



## Technical Performance

Properties	Typical Data	Test Methods/conditions
Tensile strength	$\geq 10.4\text{MPa}$	ASTM D 2671
Elongation	$\geq 300\%$	ASTM D 2671
Tensile strength after heat aging	$\geq 7.3\text{MPa}$	158°C×168h
Elongation after heat aging	$\geq 100\%$	158°C×168h
Longitudinal change	-8% ~ +8%	ASTM D 2671
Flammability	VW-1	ASTM D 2671 C
Voltage withstand(Rated voltage 600V)	2500V , 1min, no break down	UL 224
Heat shock	No cracks , no dripping	UL 224 , 250°C×4h
Dielectric strength	$\geq 15\text{kV/mm}$	ASTM D 149
Volume resistivity	$\geq 10^{14}\Omega\cdot\text{cm}$	IEC 60093

## Structure





## Dimensions (2:1)

Size(mm)	As supplied D(mm)	After full recovery (mm)		Standard Package (M/Roll)
		Inner diameter d	Wall thickness w	
φ1.0/0.70	1.5±0.3	≤0.70	0.28±0.10	200
φ1.5/0.90	2.0±0.3	≤0.90	0.30±0.10	200
φ2.0/1.00	2.5±0.3	≤1.00	0.35±0.10	200
φ2.5/1.30	3.0±0.3	≤1.30	0.36±0.10	200
φ3.0/1.50	3.5±0.4	≤1.50	0.38±0.10	200
φ3.5/1.80	4.0±0.4	≤1.80	0.40±0.10	200
φ4.0/2.00	4.5±0.4	≤2.00	0.45±0.10	200
φ4.5/2.30	5.0±0.4	≤2.30	0.45±0.10	100
φ5.0/2.50	5.5±0.4	≤2.50	0.45±0.10	100
φ6.0/3.00	6.5±0.4	≤3.00	0.50±0.10	100
φ7.0/3.50	7.5±0.4	≤3.50	0.50±0.10	100
φ8.0/4.00	8.5±0.5	≤4.00	0.55±0.10	100
φ9.0/4.50	9.5±0.5	≤4.50	0.55±0.10	100
φ10/5.00	10.5±0.5	≤5.00	0.55±0.10	100
φ11/5.50	11.5±0.5	≤5.50	0.60±0.10	100
φ12/6.00	12.5±0.5	≤6.00	0.60±0.10	100
φ13/6.50	13.5±0.5	≤6.50	0.60±0.10	100
φ14/7.00	14.5±0.5	≤7.00	0.65±0.10	100
φ15/7.50	15.5±0.6	≤7.50	0.70±0.10	100
φ16/8.00	16.5±0.6	≤8.00	0.70±0.10	100
φ17/8.50	17.5±0.6	≤8.50	0.70±0.10	100
φ18/9.00	19.0±0.7	≤9.00	0.70±0.15	100
φ20/10.0	22.0±0.7	≤10.0	0.75±0.15	100
φ22/11.0	24.0±0.7	≤11.0	0.80±0.15	100
φ25/12.5	26.0±0.7	≤12.5	0.90±0.15	50
φ28/14.0	29.0±0.7	≤14.0	0.90±0.15	50
φ30/15.0	31.5±0.7	≤15.0	0.95±0.15	50



φ35/17.5	36.5±0.7	≤17.5	0.95±0.15	50
φ40/20.0	41.5±0.7	≤20.0	1.00±0.20	50
φ45/22.5	46.0±0.7	≤22.5	1.00±0.20	25
φ50/25.0	51.0±0.7	≤25.0	1.00±0.20	25
φ60/30.0	≥60.0	≤30.0	1.10±0.20	25
φ70/35.0	≥70.0	≤35.0	1.20±0.20	25
φ80/40.0	≥80.0	≤40.0	1.30±0.20	25
φ90/45.0	≥90.0	≤45.0	1.50±0.20	25
φ100/50.0	≥100.0	≤50.0	1.65±0.20	25
φ120/60.0	≥120.0	≤60.0	1.70±0.20	15
φ150/75.0	≥150.0	≤75.0	1.70±0.20	15
φ180/90.0	≥180.0	≤90.0	1.75±0.20	15

## Dimensions (3:1)

Size(mm)	As Supplied D (mm)	After full recovery(mm)		Standard package (M/Roll)
		Inner diameter d	Wall thickness w	
φ1.5	≥1.6	≤0.50	≥0.50	200
φ2.4	≥2.4	≤0.80	≥0.50	200
φ3.0	≥3.2	≤1.00	≥0.55	200
φ4.5	≥4.8	≤1.50	≥0.60	100
φ6.0	≥6.4	≤2.00	≥0.65	100
φ9.0	≥9.5	≤3.00	≥0.75	100
φ12.0	≥12.7	≤4.00	≥0.75	50
φ18.0	≥19.1	≤6.00	≥0.85	50
φ24.0	≥25.4	≤8.00	≥1.00	50
φ39.0	≥39.0	≤13.0	≥1.15	50

**Note: Non-standard dimensions and packages are available on request**