

KeHong Enterprises Co.,Ltd.

No7118,Floor 7, Sha feng business building, Jin sha zhou, Baiyun District, Guangzhou, China.

Website: www.khenterprise.en.alibaba.com

Mail: lily@gzhelectric.com

Tel:+86-20-82586869, Mobile: +8615918777767

A-2(YG)

Yellow & green striped, flexible, flame-retardant polyolefin tubing

1) Application

A-2 (YG) is yellow & green striped, flame-retardant, flexible, irradiated cross linking heat-shrinkable modified polyolefin tubing. It is designed for use in earth sleeve. 3:1 shrink ratio is for more suitable for application to irregular, awkward shapes.

2) Features/Benefits

Shrink ratio: 2:1, 3:1.

Flexible, flame-retardant.

Excellent physical, chemical and electrical properties and high reliability.

Classified as environmentally hazardous substances. Conform to European RoHS environmental directive.

3) Operating Temperature Range

Operating temperature range: -55℃~125℃

Minimum shrink temperature: 70℃

Minimum full recovery temperature: 110℃

4) Standards/Approvals

UL224 ,125℃ 600V VW-1

UL Approval

5) Specification values

	Property	Requirement	Test method	Typical data
Physical:	Concentricity	70% min.	ASTM D 2671	≥70%
	Tensile strength	10.4MPa min.	ASTM D 638	≥14.0MPa
	Elongation	200% min.	ASTM D 638	≥400%
	Heat shock 250℃, 4hrs	No cracking, dripping or flowing	ASTM D 2671	Pass
	Low temperature flexibility -55℃, 4hrs	No cracking	ASTM D 2671	Pass
	Aging 175℃,168hrs			
	Tensile strength after aging	70% of original min.	ASTM D 638	≥90%
	Elongation after aging	100% min.	ASTM D 638	≥300%
Electrical:	Dielectric voltage withstand	2500V, 60sec no breakdown	UL224	Pass
	Dielectric strength	19.7KV/mm min.	ASTM D 2671	25KV/mm
	Volume resistivity	10 ¹⁴ Ω·cm min.	ASTM D 876	≥10 ¹⁴ Ω·cm
Chemical:	Corrosion	No corrosion	ASTM D 2671	Pass

KeHong Enterprises Co.,Ltd.

No7118,Floor 7, Sha feng business building, Jin sha zhou, Baiyun District, Guangzhou, China.

Website: www.khenterprise.en.alibaba.com

Mail: lily@gzhelectric.com

Tel:+86-20-82586869, Mobile: +8615918777767

Flammability

VW-1

UL224

Pass

6) Product sizes

Inch size (2:1)

Size (inch)	As supplied (mm)		After recovery (mm)		Standard length (m/spool)
	Inside diameter (min.)	Wall thickness (nominal)	Inside diameter (max.)	Wall thickness (min.)	
1/16	1.6	0.20	0.8	0.43±0.08	200
3/32	2.4	0.25	1.2	0.51±0.08	200
1/8	3.2	0.25	1.6	0.51±0.08	200
3/16	4.8	0.25	2.4	0.51±0.08	200
1/4	6.4	0.30	3.2	0.64±0.08	100
5/16	8.0	0.30	4.0	0.64±0.08	100
3/8	9.5	0.30	4.8	0.64±0.08	100
1/2	12.7	0.35	6.4	0.64±0.08	100
5/8	16.0	0.35	8.0	0.76±0.08	100
3/4	19.1	0.40	9.5	0.76±0.08	50
1	25.4	0.45	12.7	0.89±0.12	50
1 1/4	31.8	0.45	15.9	1.02±0.15	50
1 1/2	38.1	0.50	19.0	1.02±0.15	50
2	50.8	0.55	25.4	1.14±0.16	50

Inch size (3:1)

Size (inch)	As supplied (mm)		After recovery (mm)		Standard length (m/spool)
	Inside diameter (min.)	Wall thickness (nominal)	Inside diameter (max.)	Wall thickness (min.)	
1/16	1.6	0.20	0.5	0.51	200
3/32	2.4	0.25	0.8	0.51	200
1/8	3.2	0.25	1.0	0.55	200
3/16	4.8	0.25	1.6	0.60	200
1/4	6.4	0.30	2.1	0.65	100
3/8	9.5	0.30	3.2	0.75	100
1/2	12.7	0.30	4.2	0.75	100
3/4	19.1	0.40	6.4	0.90	50
1	25.4	0.45	8.5	1.00	50
1 1/2	39.0	0.50	13.0	1.15	50

KeHong Enterprises Co.,Ltd.

No7118,Floor 7, Sha feng business building, Jin sha zhou, Baiyun District, Guangzhou, China.

Website: www.khenterprise.en.alibaba.com

Mail: lily@gzhelectric.com

Tel:+86-20-82586869, Mobile: +8615918777767

7) Ordering Information

Color

Standard: Yellow & green stripe

Nonstandard: Other dual colors can be available upon request.

Nonstandard size

Special sizes are available upon request.

Standard packaging

On spools. Cut pieces are available upon request.

Ordering description

Specify product type, size (mm or inch) and color.