KROY - *Identify with KROY*

General Purpose - Commercial Grade 2:1 ratio Heat Shrink Tubing

DATA SHEET

Kroy 2:1 Series Heat Shrinkable Tube is a newly developed, environmentally friendly, flame retardant, heat shrinkable tube, with a specially designed formulation to meet UL & CSA & GSG standards. Available in standard rolls of 30metres or cut lengths (to order).The tubing meets the requirements of the forthcoming RoHS legislation.

The properties of low shrinking temperature, flexibility, and superior mechanical strength make the tubing ideal for applications within the fields of electronics, communications, automotive and domestic installations. The tubing is excellent for the splicing & end termination of wires and cables, insulating and construction of harnesses, corrosion proofing of metallic rods or tubes, and antenna protection. The various colours available make colour coding easy and the clear tubing is particularly suitable for over laminating wire & cable identification labels and marks that require high resistance to chemicals, water & abrasion.

Specification:

Material: Chemically cross-linked (by irradiation), thermally stabilized flame retarded polyolefin

Standard: UL 224 vw-1 C-UL CSA C 22.2 OFT
Product No: W-1-H W-1-H(CB)

Physical Properties:
Shrink Ratio: 2:1
Operating Temperature: -55°~125°
Shrinking Temperature: Start at 70°, and shrunk totally at 105° (CB) or 115°
Standard stock sizes: 3.2, 4.8, 6.4, 9.5, 12.7 & 25.4 OD
Other sizes to order from: 0.8 ~ 180mm (3/64 ~ 5inch)
Standard stock colours: Black, Yellow, White, Clear
Other colours to order: Red, Green, Purple, Grey & Blue

Hazardous element	TEST METHOD	INDEX(mg/kg)	Hazardous element	TEST METHOD	INDEX(mg/kg)
Cd	EN1122:2001Method B	≤5	Se	EPA Method3052	≤25
Pb	EPA Method 3050 B	≤90	F	EN 14582 Method B	≤200
Sb	EPA Method 3052	≤60	Cl	EN 14582 Method B	≤800
Ba	EPA Method 3052	≤1000	Br	EN 14582 Method B	≤800
Cr	EPA Method 3052	≤5	I	EN 14582 Method B	≤200
Hg	EPA Method 3052	≤5			
As	EPA Method 3052	≤25			

PROPERTY			Test Method	Standard Required	Classic Value
Physical	Tensile Strength(Mpa)		GB/T 1040	≥10.4	14.8
	Elongation%		GB/T 1040	≥200	460
	Tensile Strength after aging (Mpa)		UL 224 158°×168hr	≥7.3	14.5
	Elongation after Aging%		UL 224 158°×168hr	≥100	480
	Heat Resistance		UL 224 250°×4hr	NO Viscidity NO cracking	PASS
	Cold Blend		UL 224 -30°×1hr	NO cracking	PASS
Electrical	Dielectric Strength(kV/mm)		GB/1408	≥15	17
	Dielectric Withstand (volts)	150v	UL 224	≥1500v	PASS
		600v	UL 224	≥2500v	PASS
	volume resistance(Ω.cm)		GB 1410	≥1×10^{14}	1×10^{15}
Chemical	Corrosion		UL 224 158°×168hr		PASS
	Copper stability		UL 224 158°×168hr		PASS
	Flammability		UL 224	VW-1	PASS

Other types of Heat shrink tubing, wire marking, general labelling and identification products are available from Kroy - please call for information.

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or visit www.kroyeurope.com for further information.