

# WOLABEL

## Printable Heat-shrinkable Tubing Data Sheet

**Product descriptions :** The tubing is fabricated from irradiated, thermally stabilized and flame retarded modified polymer compound without any glues. It has two shrink ratio, 2:1 and 3:1. TH-H is a flexible, flame retardant printable heat-shrink tubing, with outstanding physical performance. It is designed in flattering configuration, has a good printing effect, reliable for wire and cable identification system .

Product is compliant to EU RoHS Directive 2002/95/EC.

**Operating temperature range:** -40°C--- +125°C

**Maximum storage temperature:** +50°C

**Color:** Yellow, White as standard

**Table 1 Physic and chemical electronic performance**

Item	States	Quota	Test method
Tensile strength (MPa)	unaged	≥10.4	ASTM D2673
	Heat-aged	≥7.3	
Ultimate elongation (%)	unaged	≥200	
	Heat-aged	≥100	
Voltage withstand(V)	unaged	2500 V,60s,Pass	UL224
Dielectric strength (MV/m)	unaged	≥15	IEC 60243
Volume resistivity (Ω-cm)	unaged	≥10 <sup>14</sup>	IEC 60093
Water absorption (%)	Unaged	≤1.0	ASTM D 570
Corrosion	Unaged	Pass	UL 224
Heat shock	Unaged	No cracks ,flowing or dripping	UL 224
Low temperature flexibility	Unaged	No cracks	UL 224



Table 2 2:1 Specification and size

Order code	Supplied ID (mm)	After recovery(mm)		Package
		ID	Wall Thickness	m/roll
TH-H-2X-2.4-	$3.0 \pm 0.2$	$\leq 1.3$	$0.45 \pm 0.10$	50
TH-H-2X-3.2-	$3.5 \pm 0.2$	$\leq 1.5$	$0.45 \pm 0.10$	50
TH-H-2X-4.8-	$5.0 \pm 0.2$	$\leq 2.3$	$0.45 \pm 0.10$	100
TH-H-2X-6.4-	$6.5 \pm 0.2$	$\leq 3.0$	$0.56 \pm 0.10$	100
TH-H-2X-9.5-	$10.5 \pm 0.3$	$\leq 5.0$	$0.56 \pm 0.10$	100
TH-H-2X-12.7	$12.5 \pm 0.3$	$\leq 6.0$	$0.56 \pm 0.10$	100
TH-H-2X-19-	$19.0 \pm 0.5$	$\leq 9.0$	$0.70 \pm 0.10$	100
TH-H-2X-25-	$26.0 \pm 0.5$	$\leq 12.5$	$0.90 \pm 0.15$	50
TH-H-2X-38-	$41.5 \pm 1.0$	$\leq 20.0$	$1.00 \pm 0.15$	50

Table 3 3:1 Specification and size

Order code	Supplied ID (mm)	After recovery(mm)		Package
		ID	Wall Thickness	m/roll
TH-H-3X-2.4-	$\geq 2.4$	$\leq 0.8$	$0.55 \pm 0.10$	50
TH-H-3X-3.2-	$\geq 3$	$\leq 1$	$0.55 \pm 0.10$	50
TH-H-3X-4.8-	$\geq 4.5$	$\leq 1.5$	$0.60 \pm 0.10$	100
TH-H-3X-6.4-	$\geq 6$	$\leq 2$	$0.60 \pm 0.10$	100
TH-H-3X-9.5-	$\geq 9$	$\leq 3$	$0.75 \pm 0.10$	100
TH-H-3X-12.7	$\geq 12$	$\leq 4$	$0.75 \pm 0.10$	100
TH-H-3X-19-	$\geq 18$	$\leq 6$	$0.85 \pm 0.10$	100
TH-H-3X-25-	$\geq 24$	$\leq 8$	$1.00 \pm 0.20$	50
TH-H-3X-38-	$\geq 39$	$\leq 13$	$1.50 \pm 0.20$	50