

# CLHX Cable Labels – Technical Data Sheet

## Product Data

### Storage:

Cool dry place out of direct sunlight

### Recommended Printer & Ribbon:

#### Sumitag Printer:

300 DPI Printer STP-SQX-300M-S-NC-S

Ribbon TTR-080-300-BK-2020 Black

### Material:

Polyolefin

### Operating Temperature:

-40°C to 105°C

## Application Method – Tie On

The CLHX cable label is specifically designed for the marking of cables. They are made from zero halogen, low toxicity, radiation crosslinked UV stabilised polyolefin sheet material. It is mostly used in mass transit applications where human life is critical as it features extended fire safety standard properties. The markers are supplied on rolls for thermal transfer printing, which means production, storage and picking is easy and convenient.

- Flame Retardant
- Zero Halogen, Low Smoke
- Material tested to EN45545-2 R22 HL 1,2,3
- Meets London Underground S1085
- Two colours – White, Yellow
- High degree of mark permanence



## Order Information

Label Width (A) (mm)	Label Height (B) (mm)	Minimum Roll Size (QTY)	Labels Across	Order Code
60	10	1,450	1	CLHX-60-10-**-S
75	15	1,100	1	CLHX-75-15-**-S
90	25	750	3	CLHX-90-25-**-S

### Colours available

\*\* WE (White), YW (Yellow),

**Please contact us for any sizes not listed.....**

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## Product Properties

Property	Result	Test Method
Operating Temperature	-40°C to 105°C	
Flammability (15 SECONDS-VERTICAL)		FAR 25.853, App F, part 1. A.1. ii.
Max burn length 8 inches	1.3 Inches average 0 Seconds	
Max Drip Exiting 5 Seconds		
Elongation	100 MPa% (min.)	ASTM D 2671
Elongation After Aging 168hrs,136° C	50 MPa% (min.)	ASTM D 2671
Tensile Strength	10.0 MPa% (min.)	ASTM D 2671
Tensile Strength After Aging 168hrs,136° C	7.3 MPa% (min.)	ASTM D 2671
Heat Shock @ 4hrs, 225° C	No Crack	SAE-AMS-DTL-23053
Low temperature flexibility	No Crack	SAE-AMS-DTL-23053
Dielectric Strength	19.7 kV/mm (min.)	ASTM D 876
Volume resistivity	1.0×10 <sup>12</sup> Ω·cm (min.)	ASTM D 876
Oxygen Index	Pass	BS6853 EN45545-2
Smoke Density	Pass	BS6853 EN45545-2
Toxic Fume Emission	Pass	BS6853 EN45545-2
UV Resistance Printed with 2020 ink	Readability – Good Material – No bleaching	BS EN ISO 4892-3: 2016
Fluid Susceptibility	Slight deterioration in the condition of the print, but still clearly legible	ISO 1817 Liquid B
	No deterioration observed.	ISO 1817 Liquid F
	No deterioration observed.	Isopropanol Alcohol
	No deterioration observed.	25% Propanol 75% White spirit

## Business Management Accreditations



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