

CLHX Cable Label – 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:

-55°C to 135°C

Application Method – Tie On

Designed to survive environments such as aerospace and rail/mass transit harnesses for identifying cable and wire bundles. Excellent chemical and mechanical properties with low friction surface. The cable label meets the material and performance requirement standards of EN45545-2 HL 1 to 3 and SAE-AMS-DTL-23053/6 Class 1. The cable labels are applied to cables and harness assemblies with cable ties, and are also suitable for retrofit purposes. The markers are supplied on rolls for thermal transfer printing, which means production, storage and picking is easy and convenient.

- High tear strength
- Flame Retardant
- Low Smoke, Zero Halogen
- Rounded edges to eliminate snagging
- Print Performance to Military requirements
- High degree of mark permanence
- Standard colours – White, Yellow



Property	Value	Test Method
Operating Temperature	-55°C to 135°C	
Elongation	200% (min.)	SAE-AMS-DTL-23053/6
Elongation After Aging 175°C x 7 days	100% (min.)	SAE-AMS-DTL-23053/6
Tensile Strength	13.8 MPa (min.)	SAE-AMS-DTL-23053/6
Heat Shock @ 250°C x 4Hrs	No Crack	SAE-AMS-DTL-23053/6
Low temperature flexibility @ -55°C x 4Hrs	No Crack	SAE-AMS-DTL-23053/6
Dielectric Strength	19.7 kV/mm (min.)	SAE-AMS-DTL-23053/6
Volume resistance	1.0x10 ¹⁴ Ω·cm (min.)	SAE-AMS-DTL-23053/6
Specific gravity	1.35 max.	SAE-AMS-DTL-23053/6
Water Absorption @ 23°C x 24Hrs	0.50 max.	SAE-AMS-DTL-23053/6
Corrosion @ 175°C x 16Hrs	No corrosion	SAE-AMS-DTL-23053/6
Colour stability @ 23°C x 24Hrs	Pass	SAE-AMS-DTL-23053/6
Fluid Resistance		
MIL-H-5606 (Hydraulic Fluid)		SAE-AMS-DTL-23053/6
MIL-T-5624 (Turbine Fuel)		SAE-AMS-DTL-23053/6
MIL-L-7808 (Lubricating Oil)	TS: 6.9MPa min.	SAE-AMS-DTL-23053/6
MIL-A-8243 (Anti-Icing and Defrosting Fluid)	DS: 15.8kV/mm min.	SAE-AMS-DTL-23053/6
AA694 (5% NaCl)		SAE-AMS-DTL-23053/6
MIL-I-23699 (Lubricating Oil)		SAE-AMS-DTL-23053/6

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Ordering Information

EN45545 – 2 – R22

Oxygen Index	Pass – HL1,2,3	ISO 4589-2
Smoke Generation	Pass – HL1,2,3	ISO 5659-2
Toxicity	Pass – HL1,2,3	EN 45545-2

Label Width (A) (mm)	Label Height (B) (mm)	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

** WE (White), YW (Yellow) – Other colours on request.

Business Management Accreditations

