

CLMS Cable Label – Technical Data Sheet

Product Data

Storage:

Cool dry place out of direct sunlight

Recommended Printer & Ribbon:

Sumitag Printer:

300 DPI Printer STP-XD4T-300-S-NC-S
STP-SQX-300-NC-S

Ribbon TTR-040-300-BK-2020 Black
TTR-080-300-BK-2020 Black
TTR-100-300-BK-2020 Black

Print Performance of Solvents:

Specifications:
MIL-STD-202G test method 215
Passed with the following ribbon:
2020 Series Ribbon

Material:

Diesel Resistant Polyolefin

Operating Temperature:

-55°C to +135°C

Application Method – Tie On

Designed to survive environments such as aerospace and military 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 standard of 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
- Rounded edges to eliminate snagging.
- Print Performance to Military requirements
- High degree of mark permanence
- Four colours – White, Yellow, Pink, Green



Order Information

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

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

CLMS Cable Label – Technical Data Sheet

Product Properties

Property	Result	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	1.0×10 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	TS: 6.9MPa min. DS: 15.8kV/mm min.	
MIL-H-5606 (Hydraulic Fluid)	Pass	SAE-AMS-DTL-23053/6
MIL-T-5624 (Turbine Fuel)	Pass	SAE-AMS-DTL-23053/6
MIL-L-7808 (Lubricating Oil)	Pass	SAE-AMS-DTL-23053/6
MIL-A-8243 (Anti-Icing and Defrosting Fluid)	Pass	SAE-AMS-DTL-23053/6
AA694 (5% NaCl)	Pass	SAE-AMS-DTL-23053/6
MIL-I-23699 (Lubricating Oil)	Pass	SAE-AMS-DTL-23053/6
Fluid Susceptibility	No deterioration observed.	ISO 1817 Liquid B @ 40°C
	No deterioration observed.	ISO 1817 Liquid F @ 40°C
	No deterioration observed.	Isopropanol Alcohol @ 40°C
	No deterioration observed.	25% Propanol 75% White spirit @ 25°C

Business Management Accreditations



Registered in England No. 412829

©2023 SEI Identification Solutions Limited. All rights reserved. The information on this datasheet is provided for general information only. Although we make reasonable efforts to update the information on this datasheet, we make no representations, warranties or guarantees, whether express or implied, that the content of the datasheet is accurate, complete, or up to date. Users are advised to ensure that each product meets their own requirements, and we will not be liable for any loss or damage arising in connection with your use of or reliance on any information contained in this datasheet. Specifications given in this data sheet are subject to change without notice.