

This technical data refers to the following Lighthouse products:

LM-SL34W, LM-SL34Y, LM-SL37W, LM-SL37Y

Description

Grip Sleeve provided clear, visible cable identification. Its unique design allows one size fit multiple wire diameters and securely hold its position. Available in 2 sizes and 2 colours.
UL recognised component UL 224.

Appearance

Item	LM-SL34W	LM-SL34Y	LM-SL37W	LM-SL37Y
Colour	White	Yellow	White	Yellow
Suitable for wire diameter (Outer) Ø mm	2.1 to 3.4mm	2.1 to 3.4mm	3.0 to 3.7mm	3.0 to 3.7mm
Width	5.1mm	5.1mm	5.6mm	5.6mm
Reel Length	75m	75m	75m	75m

Performance

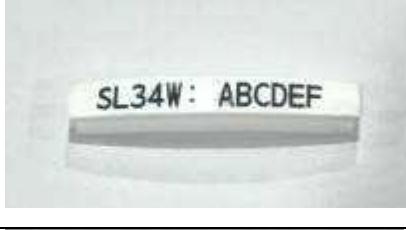
Specifications	Standard Value	Conditions
Temperature rating	105°C	No cracks, flow or dripping
Voltage rating	600V	2500V for 1 minute
Withstand voltage after heating	2500V/a minute	136°C / 7 days
Low temperature bending	-30°C / 1 hour	No cracks when bent
High temperature bending	180°C / 4 hours	No crack, flow, dripping when bent

Abrasion

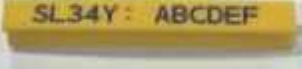
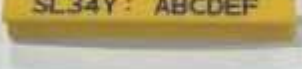
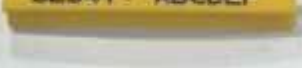
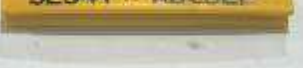
Test Method	UL969 Standard for Marking and Labelling Systems Load / 4 lbs (18 N) Pressing Surface / Finger Reciprocating Times / 10 times Print head pressure: 2 Print Density: 5	
Product	White Grip Sleeve (LM-SL34W) Black Ink (LM-IR3015B)	
Test Result (Photo)	Before	After
		

Test Method	JIS L 0849 : 2013 Test methods for colour fastness to rubbing. Load / 900gf Pressing Surface / Cloth (JIS Specified) Pressing Area / φ16 Abrasion Distance / 100mm Abrasion Speed / 6000mm/minute Reciprocating Times / 10 times Print head pressure: 2 Print Density: 5	
Product	White Grip Sleeve (LM-SL34W) Black Ink (LM-IR3015B)	
Test Result (Photo)	Before	After
		

Chemical Resistance

Test Method	Immersed printed samples in chemical solution for 2 hours. Print head pressure: 2 Print Density: 5	
Product	White Grip Sleeve (LM-SL34W) Black Ink (LM-IR3015B)	
Test Result (Photo)	Before	After
Distilled Water		
Lacquer Thinner (Tonuen:50-60%, Methanol:20-30%, Isobutyl acetate:10-15% Isobutyl alcohol:5-10%)		
Ethyl Alcohol		
Motor Oil (Castrol GTX DC-TURBO10W- 30SM/CF)		

Test Method	Immersed printed samples in chemical solution for 2 hours. Print head pressure: 2 Print Density: 5	
Product	Yellow Grip Sleeve (LM-SL34Y) Black Ink (LM-IR3015B)	
Test Result (Photo)	Before	After
Distilled Water		

Lacquer Thinner (Touen:50-60%, Methanol:20-30%, Isobutyl acetate:10-15% Isobutyl alcohol:5-10%)		
Ethyl Alcohol		
Motor Oil (Castrol GTX DC-TURBO10W- 30SM/CF)		

Material

LM-SL34W & LMSL37W	Content Ratio
Chemical Name	Polyvinyl chloride compound
Vinyl chloride resin	40 to 50%
Trialkyl trimellitate	37 to 43%
Aluminium hydroxide	5 to 10%
Zinc (II) stearate	0.1 to 0.3%
Other	1 to 5%
Antimony (III) oxide	2 to 6%
Titanium (IV) oxide	0 to 2%

LM-SL34Y & LMSL37Y	Content Ratio
Chemical Name	Polyvinyl chloride compound
Vinyl chloride resin	40 to 50%
Trialkyl trimellitate	37 to 43%
Aluminium hydroxide	5 to 10%
Zinc (II) stearate	0.1 to 0.3%
Other	1 to 5%
Antimony (III) oxide	2 to 6%

Compliance	RoHS & REACH UL224 VW-1 – File No. E535455
Storage	Keep dry and out of direct sunlight and high temperature

Compatible printing ribbon:	LM-IR3015B
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IMPORTANT NOTICE

All Lighthouse products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects.

Published information concerning Lighthouse products is based on research, which the Company believes to be reliable, although such information does not constitute a warranty.

Because of the variety of uses of Lighthouse products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use. We recommend the purchaser conducts their own testing to determine the suitability for their required application. The purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages.

All specifications are subject to change without prior notice.