

This technical data refers to the following Lighthouse products:

LM-TU29G, LM-TU37G, LM-TU46G

Description

Grip Tube's unique design enables marking of multiple size wires with one product. The internal fins allow for smooth placement along the wire and a secure grip once installed.

Appearance

Item		Unit	LM-TU29G	LM-TU37G	LM-TU46G	Tolerance
Size	Inner Diameter	mm	φ2.9	φ3.7	φ4.6	±0.1mm
	Thickness	mm	φ0.45	φ0.45	φ0.45	±0.05-0mm
	Reel Length	m	100	100	85	±3%-0m

Performance

Item	Standard Value/Result	Conditions
Colour	White	
Temperature Rating	70°C	100°C / 10 days
Voltage Rating	600V	
Lowest Tensile strength	22.0Mpa	Normal Temperature (Sheet Shape)
Minimum Growth	231%	
Voltage Endurance	2500V/minute	
Lowest Volume Resistivity	3.7 x 13 ¹³ Ω cm	Normal Temperature (Sheet Shape)
Lowest Tensile Strength after heating	24.5MPa	100°C / 10 days (Tube Shape)
Minimum growth	244%	
Voltage Endurance	2500V/ minute	
Low Temperature Bending	No Cracks	-30°C / hour (Tube Shape)

Material

Basic Materials	Content Ratio
Polyvinyl chloride	>50%
Diisononyl phthalate	<35%
Epoxidized soybean oil	<2%
Mg Al Hydrotalcite	<2%
Zinc stearate	<2%
Silica gel, pptd., cryst.-free	<2%
Dibenzoylmethane	<2%
Mixture	<2%
Calcium carbonate	<10%
Butyl acrylate-methyl methacrylate copolymer	<1.1%
Pigment Material	Content Ratio
Titania	Non-Disclosure
C.I. Pigment Violet 15	Non-Disclosure

Compliance	RoHS & REACH
Storage	Keep dry and out of direct sunlight and high temperature

Compatible Ribbons for Printing	LM-IR50B, LM-IR50BP, 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.