



12V Ultra-Thin Waterproof IP65 Flexible Bendable LED Soft Light Strip for Counter and Decorative Lighting

Our Product Introduction

Basic Information

- Place of Origin: SHENZHEN CHINA
- Brand Name: YSENLED
- Certification: CE ROHS LVD EMS
- Model Number: YSR60X5630RA-F3
- Minimum Order Quantity: 10
- Price: Negotiable
- Packaging Details: 10*1000*20
- Delivery Time: 2DAYS
- Payment Terms: L/C,D/A,D/P,T/T,Western Union
- Supply Ability: 100,000 meters per week



Product Specification

- Highlight: **12V Ultra-Thin LED Soft Light Strip , Waterproof IP65 Flexible LED Strip , Flexible Bendable Silicone LED Strip**



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Three Light Colors For You To Choose

12V Ultra-Thin Silicone LED Flexible Light Strip

This 12V ultra-thin silicone LED flexible light strip is engineered for sophisticated commercial decorative and auxiliary lighting applications. Featuring a flexible PCB base with high-toughness, eco-friendly silicone integrated encapsulation, this ultra-thin and compact lighting solution offers exceptional flexibility for bending around irregular surfaces and confined spaces.

Product Specifications

Parameter Category	Product Specifications
Product Material	Flexible PCB board + high-elasticity environmentally friendly silicone encapsulation
Rated Voltage	DC12V low-voltage safe power supply
Body Thickness	Ultra-thin (standard $\leq 3\text{mm}$), suitable for confined spaces
Light Strip Characteristics	Flexible and bendable, supports right-angle/arc-shaped installation
Protection Rating	IP65 (fully silicone encapsulated, waterproof, dustproof, and oil-resistant)
Light Emission Effect	Uniform and soft light, no dark areas, no flicker
Operating Temperature	-20 ~50 , suitable for normal indoor environments
Lifespan	Over 30,000 hours, low light decay
Installation Method	Self-adhesive backing/clip-on fixing, easy installation without drilling

Key Features

Ultra-Thin Design: Perfect for confined spaces where conventional lighting cannot be installed, such as counter gaps, advertising light boxes, and narrow decorative frames

Flexible Silicone Material: High-toughness flexible silicone allows free bending to conform to curved, right-angled, and irregular surfaces

12V Low-Voltage Safety: Safe DC power supply eliminates electric shock risk, ideal for high-contact commercial environments

Full Silicone Encapsulation: Waterproof, dustproof, and oil-resistant with easy cleaning and long-term durability

Soft Uniform Lighting: Dense light source arrangement ensures no dark areas or flickering, perfect for merchandise displays

Energy Efficient Installation: Low power consumption with strong adhesive backing for quick peel-and-stick application

Indoor Use Scenarios



Application Scenarios

Ideal for commercial display and refined decorative applications including department store counters, jewelry displays, cosmetics cases, tobacco and alcohol displays, supermarket shelves, advertising light boxes, ultra-thin light boxes, backlit letters, interior cabinet decoration, kitchen cabinet lighting, ambient corridor lighting, window displays, and store signage.

Installation & Safety Guidelines

Important Notes:

This product requires a 12V dedicated power driver - direct connection to 220V AC mains is strictly prohibited

Clean surfaces thoroughly before installation to ensure proper adhesion

Avoid excessive bending or twisting of the core circuitry to prevent damage

Do not use in high-temperature, open-flame, or prolonged humid environments

Cut only at marked cutting lines to maintain functionality

Protect from heavy pressure and sharp objects to preserve waterproofing



Maintenance & Care

Always disconnect power before cleaning - use dry or slightly damp soft cloth only

Check power driver and wiring if experiencing flickering or partial illumination

Turn off power during extended non-use to reduce power loss and extend lifespan

Use dedicated connectors for extensions - avoid DIY modifications

Store in dry, well-ventilated areas without pressure or bending

This 12V ultra-thin silicone LED flexible light strip combines flexibility, safety, and durability to meet the core requirements of commercial display and decorative lighting. With proper installation and maintenance, it delivers long-lasting, stable performance for your lighting applications.



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