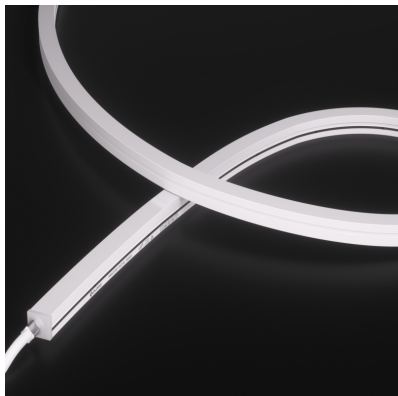


Neon Flex 10x10mm 3000K Warm White 24V DC — Side Bendable 10M

Category: LED Neon Flex | Application: Architectural, Signage & Decorative Lighting



This 24V Silicone Neon Flex LED strip light is a premium lighting solution designed for architectural, signage and decorative applications where smooth, dot-free illumination and long-term durability are essential. Featuring high-efficiency SMD2835 LEDs (LM80 approved) and a CRI >90, this Neon Flex delivers consistent, high-quality warm white light with excellent colour accuracy.

Manufactured from high light-transmittance environmental silicone, this Neon Flex offers a clean, modern neon appearance with superior flexibility compared to traditional PVC neon tubing. The side-bendable 10×10mm profile allows tight curves (60mm bending radius) and precise contour lighting, making it ideal for complex designs and feature outlines.

Operating on 24V DC constant voltage, this LED Neon Flex comes standard with dual end power feeds and free cutting, enabling simple installation and custom lengths without compromising performance. With a maximum run length of 10 metres (power fed from one end), it is well suited to both small and large-scale lighting projects.

Designed for indoor and outdoor use, this Neon Flex is IP67 rated, providing excellent protection against dust and water ingress. It is highly resistant to UV exposure, salt spray, acids, alkalis and corrosive gases, ensuring reliable operation in harsh environments. With a power consumption of 7.2W per metre and an output of approximately 350 lumens per metre at 3000K, this Silicone Neon Flex delivers an efficient balance of brightness and energy efficiency. It operates reliably in temperatures ranging from -25°C to +55°C and is fully compliant with UL, CE, RoHS, REACH and UKCA standards.

KEY FEATURES

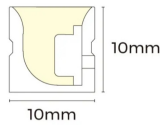
- High-efficiency SMD2835 LEDs (LM80 approved) with CRI >90
- Smooth, dot-free illumination in a clean, modern neon appearance
- High light-transmittance environmental silicone — more flexible than PVC neon tubing
- Side-bendable 10×10mm profile with a tight 60mm bending radius
- Dual end power feeds with free cutting for custom lengths
- IP67 rated for reliable indoor and outdoor performance
- Resistant to UV, salt spray, acids, alkalis and corrosive gases
- Operates from -25°C to +55°C; UL, CE, RoHS, REACH & UKCA compliant

TECHNICAL SPECIFICATIONS

Specification	Neon Flex Details
Product Type	24V Silicone Neon Flex LED Strip Light
LED Chip Type	SMD2835 LEDs (LM80 approved)
Colour Temperature	3000K Warm White
Luminous Output	Approx. 350 lumens per metre
Colour Rendering Index	CRI >90 for accurate colour reproduction
Input Voltage	24V DC constant voltage
Power Consumption (Rated)	7.2W per metre

Specification	Neon Flex Details
Power Consumption (Maximum)	8W per metre
Current Rating	0.3A per metre (0.09A per foot)
Material	High light-transmittance environmental silicone
Neon Flex Size	10mm x 10mm
Bending Direction	Side bendable Neon Flex, 60mm radius
Optical Design	Dot-free illumination, dual end powered
Maximum Run Length	10 metres (power fed from one end)
Cutting Method	Free cutting for custom lengths
Ingress Protection	IP67 waterproof and dustproof
Environmental Resistance	UV, salt spray, acids, alkalis and corrosive gases
Operating Temperature	-25°C to +55°C
Certifications & Compliance	UL, CE, RoHS, REACH, UKCA
Applications	Architectural outlines, signage, decorative and feature lighting

PROFILE DIMENSIONS



Cross-section profile dimensions (mm)