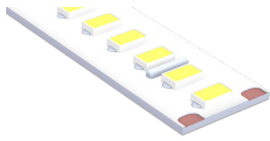
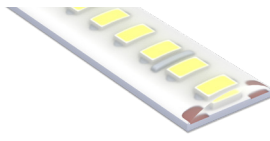


**LED TAPELIGHT IP RATINGS**



**IP20**  
No coating  
Dry location only



**IP65**  
Silicone coated  
Limited wet protection



**IP67**  
Silicone tube encased  
Suitable for wet location



**IP68**  
Solid silicone encased  
Maximum protection

**HOW TO READ IP RATINGS<sup>1</sup>**

The first and second digit represent the degrees of dust and liquid protection, respectively.

**SOLIDS/DUST**

<b>2</b>		Protected against solid foreign objects greater than 0.5in (such as a finger).
<b>5</b>		Dust-protected.
<b>6</b>		Dust-tight. No ingress of dust.

**LIQUIDS/WATER**

<b>0</b>		No protection.
<b>4</b>		Water splashed against product from any direction shall have no harmful effects.
<b>5</b>		Water projected in jets against product from any direction shall have no harmful effects.
<b>6</b>		Water projected in powerful jets against product from any direction shall have no harmful effects.
<b>7</b>		Protected against effects of temporary submersion in water.
<b>8</b>		Protected against effects of continuous submersion in water.

**IP65**

Ingress Protection

**NEMA RATINGS<sup>2</sup>**

NEMA uses a standard rating system that defines the types of environments in which an electrical enclosure can be used, and frequently signifies a fixed enclosure's ability to withstand certain environmental conditions.

**NEMA 3R** Provides protection against falling dirt, accidental contact, splashing or dripping water, rain or snow, and ice formation on the enclosure.

References:

<sup>1</sup> International Electrotechnical Commission. (1989). *Degrees of protection provided by enclosures (IP Code) IEC 60529:1989*. <https://www.iec.ch/ip-ratings>  
<sup>2</sup> National Electrical Manufacturer's Association. (2020). *Enclosures for Electrical Equipment (1000 Volts Maximum) NEMA 250:2020*. <https://www.nema.org/standards/view/enclosures-for-electrical-equipment>