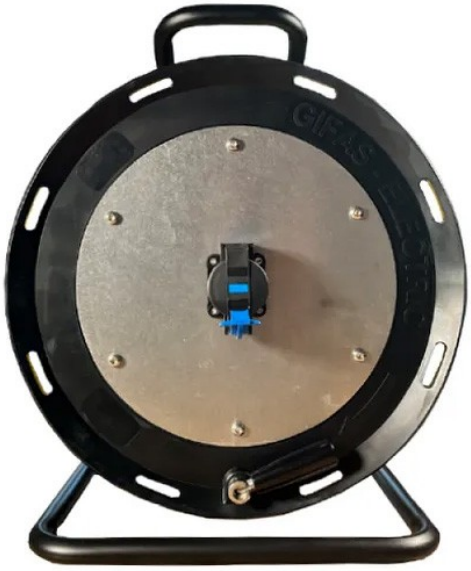
Wolf® ATEX Cable Reel



Certification & Compliance

- ATEX cable reels are designed for safe use in hazardous areas.
- They are marked to the 2014/34/EU ATEX equipment directive.
- Suitable for use in Zone 1 (Cat 2) IIC areas with a T6 temperature class.
- Ideal for flexible hazardous area lighting solutions.
- Works together with our hazardous area temporary lighting and power distribution products
- The cable reel operates from 230V or 110V, offering flexibility for different lighting Solutions
- Complies with EN IEC 60079-0, EN 60079-1 and EN 60079-7 standards.
- EX II 2 Ex db eb IIC T6 Gb

Technical Specifications

- Compact, solid hard rubber reel body with a flat steel frame.
- Internal brake system that doesn't create friction on the reel body.
- Fitted with ATX or CEAG plugs and sockets, and comes with 30m HOFR cable.
- Available with 110V or 230V input voltage options.
- Ideal for facilitating maintenance tasks.
- Alternative voltage, plugs, and sockets available upon request.

Warranty and Technical Support

- **Warranty:** 2-year manufacturer's warranty.
- **Official Support:** Original spare parts and professional technical service are provided through IST Safety Ltd, the official distributor of Wolf in Turkey.

Standards

Ex-Proof (ATEX)

CE 0598

TECHNICAL DETAILS

MODEL	ATEX CABLE REEL LL-300/110/XXX		ATEX CABLE REEL LL-300/230/XXX	
PRODUCT DESCRIPTION	ATEX Cable Reel		ATEX Cable Reel	
CODE	II 2 G Ex de ICC* T6		II 2G Ex de IIC T6	
TYPE OF PROTECTION	"e" increased safety "d" flameproof		"e" increased safety "d" flameproof	
CLASSIFICATION (GAS	Zones 1 & 2 Gas Groups IIA, IIB IIC*		Zones 1 & 2 Gas Groups IIA, IIB IIC*	
TEMPERATURE CLASS (GAS)	T6		T6	
AMBIENT TEMPERATURE	-20°C to +40°C		-20°C to +40°C	
CERTIFICATE	PTB03ATEX1186		SEV18ATEX0130X	
MODEL NUMBER	LL-300/110/ATX	LL-300/230/ATX/30	LL-300/230/CEAG/30	LL-300/110/CEAG
VOLTAGE AND SOCKETS / PLUGS	110V		230V	
	ATX	ATX	CEAG	CEAG

INPUT CABLE	30m HOFR cable 2.5mm2		30m HOFR cable 2.5mm2	
SIZE	412mm x 314mm x 319mm (Height x Width x Length)		532mm x 353mm x 420mm (Height x Width x Length)	
WEIGHT	11.9Kg (with 30m cable)	13Kg (with 30m cable)	18Kg (with 30m cable)	12Kg (with 30m cable)
INGRESS PROTECTION	IP54		IP66	
POWER RATING	110V 450W (wound) / 1700W (unwound)		230V 1000W (wound) / 3600W (unwound)	

What is ATEX Lighting?

What is ATEX and what does exproof mean? The **ATEX directive** is a set of European Union standards that define the safety requirements for equipment used in hazardous areas with explosive atmospheres. **Exproof** (Explosion-proof) refers to protection methods designed to prevent explosions by inhibiting the formation of sparks or electrical arcs in environments containing flammable gases, dust, or vapors. To ensure life and property safety in industrial facilities, the use of **ATEX-certified exproof devices** is a legal requirement.

What is ATEX Zone Classification?

ATEX Zone coding is a technical classification based on the frequency and duration of the occurrence of an explosive atmosphere in a given area. While the terms **Zone 0, 1, and 2** are used for risks originating from gas, vapor, and mist; the codes **Zone 20, 21, and 22** are designated for environments containing combustible dust. This classification is a legal standard that determines the required Equipment Protection Level (EPL) for devices. Accurate zone identification both optimizes operational costs and minimizes occupational safety risks.

What is IECEx Certification? How Does it Differ from ATEX?

In addition to ATEX certification, some projects may also require the IECEx Certification System (International Electrotechnical Commission Explosive Atmospheres System) certification. IECEx is an internationally recognized conformity assessment system for equipment intended for use in explosive atmospheres.

While ATEX is a European Union directive and a legal requirement within the European market, IECEx is a globally accepted certification system, widely preferred in regions such as the Middle East, Asia, and Australia.

From a technical perspective, both ATEX and IECEx are based on similar standards (e.g., the EN/IEC 60079 series). However:

- ATEX is a mandatory legal directive, whereas
- IECEx is an international certification system (voluntary, but widely required)

Therefore, while ATEX certification may be sufficient for certain projects, international tenders or critical industries such as oil & gas often prefer or require products that are certified to both ATEX and IECEx standards.

The appropriate certification should be determined based on the project location, client requirements, and application area.