

Anti-ESD anti-static spiral cable with drum clamp – 3 metres



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Ensure safe and reliable grounding in hazardous environments with this professional anti-static electricity discharge device. Designed for demanding industrial applications, this single-pole spiral cable with integrated stainless steel drum clamp provides dependable ESD protection for drums, containers and mobile equipment.

Unlike conventional copper conductors, this cable features a reinforced steel core that resists fatigue and mechanical wear. Even with daily stretching and retraction, it maintains its shape and electrical integrity, making it ideal for production lines, chemical processing facilities and maintenance-intensive workplaces.

The durable, silicone-free outer insulation offers excellent resistance to acids, alkalis, mineral oils, greases and many aggressive chemicals. This makes the cable particularly suitable for use in explosive atmospheres and harsh industrial environments where reliability is critical.

Certified for ATEX Ex zones 0, 1, 2 and 20, 21, 22, this grounding solution supports compliance with strict safety requirements and helps reduce the risk of static discharge, sparks and potential ignition.

Key features

- heavy-duty spiral cable with steel core for long service life
- 3 metre extension length for flexible positioning
- chemical-resistant, silicone-free insulation
- green/yellow high-visibility grounding cable
- stainless steel drum clamp with dual opposing teeth for secure contact
- single-pole connection via M4 eyelet
- suitable for gas and dust explosive atmospheres
- engineered for continuous industrial use

Benefits for your operation

- improves workplace safety by effectively dissipating static electricity
- reduces risk of ignition in ATEX-classified areas
- withstands repeated movement without conductor breakage
- reliable grounding even under high mechanical stress
- easy attachment to drums and containers
- low maintenance and long operational lifespan

This makes the assembly an excellent choice for grounding metal drums, IBCs, filling stations and transfer points where electrostatic build-up must be controlled.

Technical specifications

Spiral cable

- cable type: ST-Li2Y / 1 × 4 mm², single-pole, steel core
- cross section: 4 mm²
- colour: green/yellow
- block length: approx. 180 mm
- extension length: 3 m

- ambient temperature range: $-40\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$
- side A: axial, 200 mm, smooth
- side B: axial, 200 mm, smooth

Drum clamp

- material: stainless steel 1.4310
- stainless steel teeth: 2 pieces (opposite each other)
- leg length: 130 mm
- opening angle: 33 mm
- connection type: single-pole via M4 eyelet

Explosion protection

- Ex zones: 0, 1, 2 and 20, 21, 22
- Ex marking (gas): Ex II 1G h IIC T6 Ga
- Ex marking (dust): Ex II 1D h IIIC T80°C Da
- test number: TPS 19 ATEX 092819 0004 X

Typical applications

- grounding of drums and containers
- chemical processing plants
- filling and transfer stations
- explosive or ATEX-classified areas
- production lines with static-sensitive materials