

SAFE-GROUND SG/B-SP1 SPIRAL CABLES

General data sheet

Scope

Safe-Ground SP1 spiral cables for use with Safe-Ground earthing clamps are designed to provide an effective, low-resistance connection between movable objects and earth, to safely conduct any static electricity.

Safe-Ground SP1 spiral cables are available in extendable lengths from 3 m to 10 m. The spiral cables are equipped with multi-core conductors, providing excellent mechanical strength. The TPE-E jacket with UV stabilizer is chemically resistant, has excellent fatigue resistance and high tear resistance for long life. These spiral cables are therefore ideal for use in (petro) chemical, off-shore and other process industries.

Safe-Ground SP1 spiral cables are available fully assembled or in separate parts for self-assembly.

Benefits

Specially developed for use with Safe-Ground earthing systems, the spiral cables offer the following advantages:

- ◆ Suitable for use in all weather conditions
- ◆ Wide temperature range
- ◆ Excellent fatigue resistance
- ◆ High tear and abrasion resistance
- ◆ Excellent resistance to chemicals, oils and greases
- ◆ Suitable for use in ATEX environment
- ◆ Optimal stretch ratio
- ◆ Retention of shape and flexibility when retracted
- ◆ Complies with CL/TR50404 and NFPA77

Assembly options

Safe-Ground blue spiral cables are usually supplied as part of a StuvEx Safe-Ground earthing or bonding system, equipped with an ATEX approved earthing clamp, with or without connector. Safe-Ground spiral cables ordered without earthing clamps, are supplied with loose wire ends for self-assembly.



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Technical data sheet

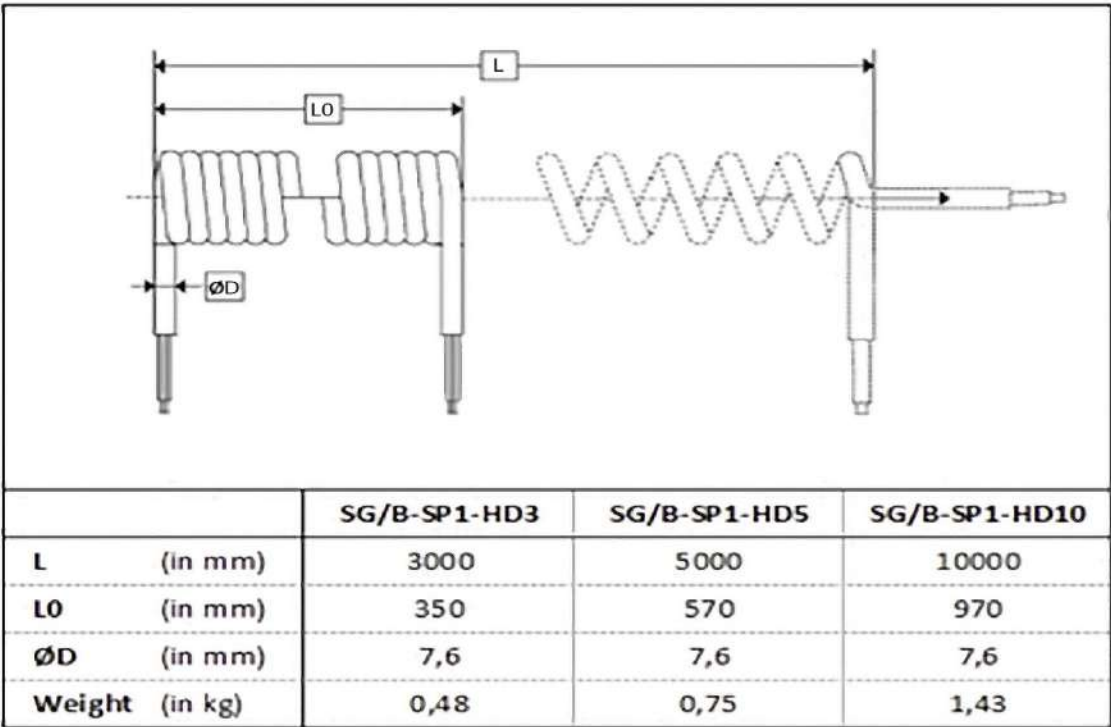
Application

Safe-Ground SP1 spiral cables for use with Safe-Ground SP1 earthing clamps are designed to provide an effective, low-resistance connection between movable objects and ground, to safely conduct any static electricity.

Safe-Ground blue spiral cables are usually supplied as part of a StuvEx Safe-Ground earthing or bonding system, equipped with an ATEX approved earthing clamp with or without connector. Safe-Ground spiral cables ordered without earthing clamp, are supplied with loose wire end for self-assembly.

General characteristics

Coat	TPE-E, blue glossy (RAL 5015) with UV stabilizer
Cable type	LiF12Y12Y 3G 0,75 mm ²
Core insulation	TPE-E, blue, brown and yellow-green
Temperature range	-30°C to +80°C



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Parts and ordering information

Article reference	Description
503-5910-030	SG/B-SP1-HD3SC, 3 m spiral cable blue with F connector
503-5910-050	SG/B-SP1-HD5SC, 5 m spiral cable blue with F connector
503-5910-100	SG/B-SP1-HD10SC, 10 m spiral cable blue with F connector
503-9910-030	SG/B-SP1-HD3N, 3 m spiral cable blue excluding connector
503-9910-050	SG/B-SP1-HD5N, 5 m spiral cable blue excluding connector
503-9910-100	SG/B-SP1-HD10N, 10 m spiral cable blue excluding connector
503-1500-000	SG/A-CONSET, connector set (M+F)



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