



## 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.

