

# EXPLOSION PREVENTION

# **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 seperate parts for self-assembly.

## **Benefits**

Specially devoloped 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 selfassembly.







StuvEx International NV Heiveldekens 8, 2550 Kontich, Belgium +32 34 52 25 52, info@stuvex.be

StuvEx France SARL 25 avenue de la Vertonne, 44120 Vertou, France +33 2 40 48 21 30, info@stuvex.fr

StuvEx International NV (operation address) P.za IV Novembre 7 / BlendTower, 20124 Milano, Italy +39 34 03 74 80 67, info@stuvex.it

Abbey Studio, Church Walk Chertsey, Surrey KT16 8RE, UK

StuvEx Safety Systems Ltd

+44 19 32 57 13 03, info@stuvex.co.uk