



## Product Safety Sheet for Supra Skyflex FRHF Speaker Cables

**Product Name:** Supra Skyflex FRHF Speaker Cables

**Manufacturer Information:**

**Name:** Supra Cables / Jenving Technology AB

**Address:** Bastbacka 112-113, 45991 Ljungskile, Sweden

**Contact:** Jörgen Wahlsberg, +46-522-698990, [www.supracables.se](http://www.supracables.se)

### 1. Product Description

**Product Type:** High-quality, halogen-free, flame-retardant (FRHF) speaker cables designed for safe and durable audio signal transmission in Hi-Fi, professional, and public installations.

**Applications:**

These cables are ideal for environments requiring compliance with stringent fire safety regulations, such as public buildings, auditoriums, or spaces needing low-smoke, halogen-free materials, while ensuring high-performance sound quality.

### 2. Safety Standards and Compliance

**Relevant Directives and Standards:**

- Low Voltage Directive (LVD) 2014/35/EU
- RoHS Directive 2011/65/EU
- Construction Products Regulation (CPR) EU 305/2011
- General Product Safety Regulation (GPSR) 2023/988
- CE Marking: This product conforms to all applicable EU safety, health, and environmental protection standards and bears the CE marking.
- CPR Compliance: Certified for use under the Construction Products Regulation for flame-retardant performance.

### 3. Risk Assessment and Mitigation

**Potential Hazards:**

- **Electrical Shock:** Risk if the cables are damaged or improperly installed.
- **Fire Hazard:** Reduced compared to standard cables, but proper installation is required to maintain flame-retardant properties.
- **Physical Damage:** Risk of damage to the cables if subjected to excessive bending, crushing, or abrasion.

**Mitigation Measures:**

- Manufactured with tin-plated oxygen-free copper (OFC) for high conductivity
- Halogen-free insulation reduces toxic smoke and fumes in case of fire.
- Flame-retardant (FRHF) properties comply with EN 60332-1 and EN 50575 standards.
- Clearly marked for correct usage and cross-sectional area.

### 4. Technical Specifications

- **Conductor Material:** Tin-plated oxygen-free copper (OFC)

- Purity: 5N (99.999% pure copper)
- Conductors: Twisted, 2 or 4 pcs
- Cross-Sectional Areas: 1.6mm<sup>2</sup> (AWG 15), 2.5mm<sup>2</sup> (AWG 13), 4.0mm<sup>2</sup> (AWG 11), 6.0mm<sup>2</sup> (AWG 9)
- Insulation Material: Halogen-free, flame-retardant polymer
- Rated Voltage: 100V
- Temperature Range: -30°C to +70°C

## 5. Labeling and Traceability

Each product is labeled with:

- Product Name
- Serial/Batch Number
- Manufacturer Contact Information
- Meter Markings for length measurement
- CE Marking

## 6. Instructions for Safe Use

- Ensure the cable is suitable for the intended audio application and power requirements.
- Install according to local building and fire safety codes, particularly in public or commercial spaces.
- Avoid exceeding the cable's current-carrying capacity to prevent overheating.
- Inspect for physical damage before installation; do not use if the insulation is compromised.
- For in-wall or conduit installations, verify flame-retardant performance requirements.

## 7. Incident Management and Reporting

Post-Market Surveillance:

- Supra Cables monitors product performance and user feedback to identify potential safety issues.

Incident Reporting:

- In case of a safety issue, customers are encouraged to contact Supra Cables immediately.
- Incidents will be reported to relevant authorities via the EU Safety Business Gateway as required by GPSR.

## 8. Declaration of Conformity

Supra Cables declares that this product complies with the following directives and standards:

- CE, RoHS, REACH & CPR verified by Rise

## 9. Disposal Instructions

- Dispose of this product in accordance with local electronic waste disposal regulations.
- Do not discard with general household waste.

Signed by: Jörgen Wahlsberg  
Date: 2026-03-03

