



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

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: 1.6mm² (AWG 15), 2.5mm² (AWG 13), 4.0mm² (AWG 11), 6.0mm² (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.

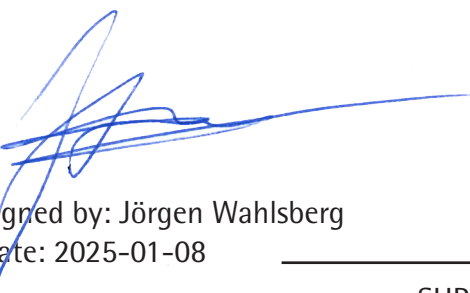
8. Declaration of Conformity

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: 2025-01-08

