

[Hardware]

RFID Tag - Cable

SafeEx ATEX & IECEx certified **cable RFID tag** (High frequency) offer immediate equipment identification, ensuring accuracy, proof of presence and minimized errors.



SFX RFID cable tag
Model no. SFX1

Features

- ✓ ATEX and/or IECEx certified
- ✓ Chemical resistance
- ✓ Operating temperature from -20°C to +70°C
- ✓ Immediate identification of equipment
- ✓ Data accuracy, eliminate mistakes

Physical specifications

Dimensions (LxWxH)	62.6 x 14.8 x 2.2 mm
Weight	2.1 grams
Materials	Proprietary TPU
Colour	White
Print-colour	Dark grey
Bending angle	15° max
UV-radiation	Colours may fade if exposed to UV-radiation.

Chip specifications

Operating mode	Passive (battery-less transponder)
Chip type	I-Code SLIX 13.56 MHz, ISO/IEC 15693, NFC (Near Field Communication)
Data retention	50 years
Write endurance	100000 cycles
Operating frequency	13.56 MHz
Storage temperature	-20°C to +85°C
Operating temperature	-20°C to +70°C
Read distance	Up to 25 millimetres
Ingress Protection	IP68

Chemical resistance	Diesel, Petrol, Kerosene oil, Pure mineral oils, water-free greases (up to 80°C), Aluminium chloride (up to 5% at 20°C), Aqueous (up to 5% at 20°C), Ammonia (up to 10% at 20°C), IRM oil (901/902/903 up to 80°C), Sodium chloride solution (at 20°C), Soda soap (at 20°C), Saltwater (3.5% salinity).
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Certification options

ATEX certification	CE 2903 {Ex} II 1G Ex ia IIC T5 Ga
ATEX certificate no.	ITS 09 ATEX 26843X
IECEX certification	Ex ia IIC T5 Ga
IECEX certificate no.	IECEX ITS 13.0007X
IEC 60079-14	Other option: The 262A1-Ex SafeEx NFC (HF RFID) Cable Tag can also be installed as per IEC 60079-14 for simple apparatus.

Conformity

Ce	Yes
RoHS	Yes

Mounting instructions

The cable tag is mounted with 2 tie-wraps, tensioned lightly. The tag should be tested (scanned) post mounting and never bent beyond the specified angle.



Need help for choosing the right RFID tags?

We are always ready to help and answer any questions you might have! Send us a message at sales@safeex.com or call +45 25 72 05 00 and we will get back shortly!

Or scan the QR-code to read the guide *How to choose the right RFID tags*

