

[Hardware]

RFID Tags

SafeEx ATEX & IECEx certified **RFID tags** offer instant equipment identification, ensuring accuracy, proof of presence and minimized errors.



262A1-Ex SafeEx NFC (HF RFID) Cable Tag

Features

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

Physical Specifications

Dimensions	62.6 x 14.8 x 2.2 millimetres
Weight	2.1 grams
Base-colour	White
Materials	Proprietary TPU
Print-colour	Dark grey
Ingress Protection	68
Storage temperature	-20°C to +85°C
Operating temperature	-20°C to +70°C
Bending angle	15° max
UV-radiation	Colours may fade if exposed to UV-radiation. The tag may start to degenerate after 5 years of UV-radiation exposure.
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).

Mounting instructions

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



Chip Specifications

Chip	I-Code-SLI
Type	Passive (no internal powers source)
Standards	ISO/IEC 15693
Compatibilities	NFC (Near Field Communication)
Operating frequency	13.56 MHz
Data retention	50 years
Write endurance	100000 cycles
Read distance	Up to 25 millimetres

Conformity

Ce	Yes
RoHS	Yes

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

Other Option: IEC 60079-14

The 262A1-Ex SafeEx NFC (HF RFID) Cable Tag can also be installed as per IEC 60079-14 for simple apparatus.



For more info and details about SafeEx RFID Tags, you are more than welcome to contact us at sales@safeex.com or call +45 25 72 05 00

