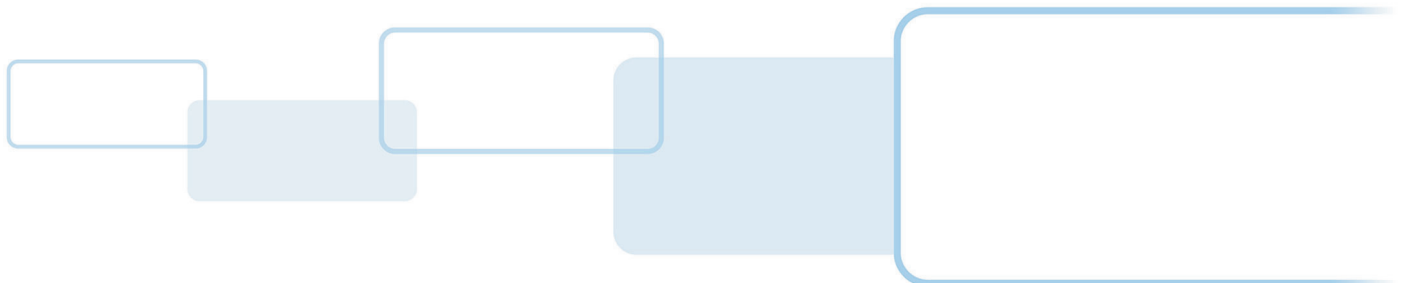


CREDENTIAL HANDLING GUIDE

PLT-03960, Rev. A.0

June 2018



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Revision history

Date	Description	Revision
June 2018	Initial release.	A.0

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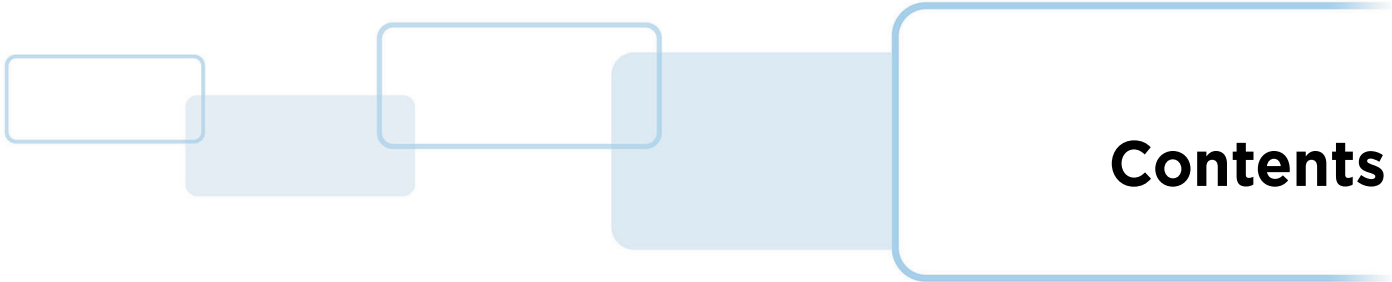
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1 Introduction

HID Global credentials are constructed using materials including PVC, PETF, TPE and ABS. They contain RF devices and antennas. To provide a lifetime of operation and avoid premature failure, we recommend that you follow our credential handling guidelines.

Note: Failure to adhere to the following cautions and recommendations could result in damage or failure and may invalidate your warranty.

1.1 Cautions

- Do not use for any purpose other than access control or identification.
- Do not use in proximity to devices or areas with high levels of RF or electromagnetic radiation, for example:
 - Wireless charging devices
 - High voltage environments
 - Arc welding
 - MRI scanners
 - Microwave ovens
 - Medical & industrial X-ray equipment.
- Do not expose to extreme heat or open flame, for example clothes irons or hair dryers.
- Do not leave in direct sunlight, for example on the dashboard of a car unless designed for automotive applications.
- Do not immerse in water, for example a washing machine or during bathing or swimming.
- Do not slot punch cards unless designed to accept a slot punch. For further details, see *HID Global Credential Identification Markings Application Note* (AN0109), available on [HID Document Library](#).
- Do not slot punch cards outside the designated slot locations indicated on the card.
- Do not print onto slot punched cards.
- Do not use to pry, rotate items, or scrape windshields, as this can stress the edge of the card and damage the embedded components.
- Do not bend or otherwise physically stress, for example by placing in a back pocket.
- Do not leave in the reader field for prolonged periods, for example to act as part of a control system.
- Do not affix tags to metallic devices.
- Do not drop key fobs onto hard surfaces.

1.2 Recommendations

- Use a high quality card holder or lanyard designed for PVC or composite RFID cards. We recommend the use of PVC-free holders, for example ABS or polypropylene.
- Use a high quality printer. HID recommends the use of re-transfer printing (HDP) for composite cards and direct-to-card printing (DTC) for 100% PVC cards.
- Handle cards by the edges before printing. Clean all cards with 99% pure isopropyl alcohol to obtain the best printing results.
- Refer to the datasheet for environmental specifications, for example storage and operational temperature ranges.
- Place UHF cards in card holders at all times to achieve optimal performance.
- Dispose of responsibly in accordance with local waste regulations and data protection laws.
- Follow your organization's security policy in relation to the management of physical identity credentials.

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