

Upgrading to Waffletechnology®

How Waffletechnology® Works

Waffletechnology® is the leader in cleaning card technology, offering a patented array of products to optimize cleaning effectiveness.

The unique cleaning card design allows anyone to easily and safely maintain devices without opening the equipment or damaging critical sensors. Spring loaded waffles are strategically placed, specific to a device or OEM, to reach and safely add pressure to lenses or sensors, effectively cleaning them. The waffles caress the contacts and apply a cleaning agent, then wipe off the solution and dirt, leaving them clean and in working order.

OEM Endorsements

ingenico
GROUP



Verifone®

EPSON®
EXCEED YOUR VISION

DANINI®

“Cleaning Waffles reach areas where other cards cannot. Waffles remove dirt from within various card readers, including read/write pins within smart card readers”.

- From NCR white paper *Moving Forward with NCR Cleaning Solutions*



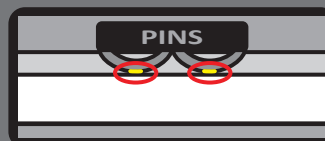
Why are Waffletechnology® products the Market Choice?

Compare:



Flat Card

- Flat cards clean only the peak of mag heads and pins.
- Flat cards have minimal cleaning contact
- Does not reach recessed areas

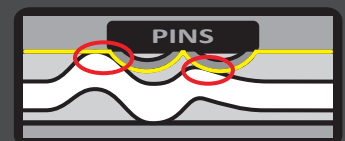


Example of Flat Cleaning Card cleaning an EMV Reader



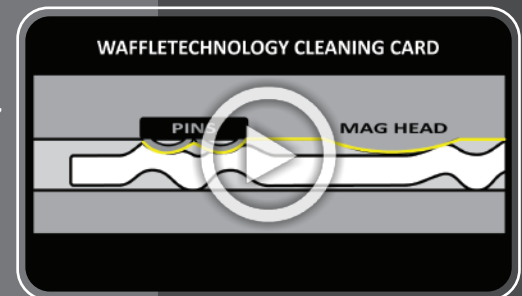
Waffletechnology Card

- Cleaning waffles are designed to match the location of all critical card reader components.
- Waffles have four times more cleaning contact than flat cards
- Reaches and cleans recessed areas



Example of SMART Cleaning Card (with Waffletechnology) cleaning an EMV Reader

Cleaning an EMV Reader
(Watch Video):



SUZOHAPP

www.suzohapp.com

Product Guide

THERMAL PRINTERS



Why Clean?

Paper dust and adhesive buildup on print heads and rollers can cause multiple issues, including and poor operation.

Dirty Device Symptoms:

- Paper jams
- Poor print/image quality
- Poor barcode/receipt legibility

When to Clean:

Clean your thermal printer with every media roll change or at least once per week.



Product Name	Part #	Qty
▪ 2" Thermal Printer Cleaning Card*	29-0400-00	15/Bx
▪ 2.5" Ticket Printer Cleaning Card	29-0339-00	25/Bx
▪ Electronics Cleaning Swab (4")	29-0742-20	25/Bx
▪ Thermal Printer Cleaning Pen	29-0003-00	12/Bx

BILL ACCEPTORS



Why Clean?

Money is exceptionally dirty and can cause bill rejection and immediate loss of revenue.

Dirty Device Symptoms:

- Bill rejection
- Misreads
- Out-of-order signs

When to Clean:

Clean your bill acceptors each time you empty machine or at least once per week.



Product Name	Part #	Qty
▪ Bill Acceptor Cleaning Card*	29-0329-20	15/Bx

CARD READERS



Why Clean?

Dirty card readers lead to frustrated customers and high costs associated with equipment service or exchange.

Dirty Device Symptoms:

- Card rejection
- Reader error
- Repeated swipes

When to Clean:

Clean your card readers once per week. Clean more frequently after periods of high usage.



Product Name	Part #	Qty
▪ Chip Reader Cleaning Card*	29-0399-00	50/Bx
▪ Mag Stripe Reader Cleaning Card*	29-0329-10	40/Bx

CURRENCY COUNTERS



Why Clean?

Dirt from currency can cause inaccuracy and operational failure in currency counters if not cleaned properly.

Dirty Device Symptoms:

- Bill rejection
- Batch back-ups
- Inaccurate totals

When to Clean:

Clean your currency counters once per week. Clean more frequently after periods of high usage.



Product Name	Part #	Qty
▪ Currency Counter Cleaning Card*	29-0862-00	15/Bx

*This product features patented Waffletechnology®

Maintaining Seamless Operations



Did You Know?...

Belts, lenses and rollers inside bill acceptors are known to collect dirt from currency resulting in high rejection rates.

With vending operations and gaming businesses comes the high demand for clean and efficient equipment. Dirt, grime and environmental impurities build up in pathways and on sensors, lenses, belts, rollers and sensitive friction and landing pins (EMV) cause high rates of transaction failures, jams, errors, and misreads.

The simplest, most cost effective way to correct this is cleaning. In field testing, regular cleaning and maintenance has been shown to reduce device downtime and repeated service calls. Suzo Happ's products remove dirt, dust, oils and other contaminants from a wide range of devices with specialized cleaning cards designed to achieve maximum effect.

Maintain every device in your business:

- Self-Service Units
- Bill Acceptors
- Card Readers / Player Tracking
- Security Equipment / Door Locks
- Cashless Ticket Printers
- Touch Screens / Monitors
- Currency Counters
- Keyboards/Keypads

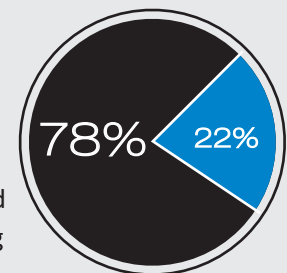
Cleaning a Bill Acceptor (Watch Video):



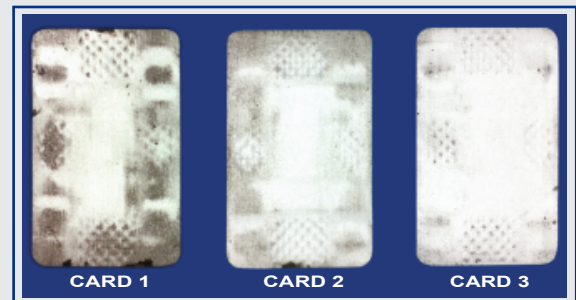
Device Recovery After Cleaning

Data from an OEM independent study

- PASS
- FAIL



78% of devices that were cleaned recovered full operation after failing



Example of 3 passes through a dirty card reader

Cleaning a POS Device (Watch Video):

