



An ITW Company

“ LOW STATIC CLEANING “ System

“ The - System “

1



new technology



2



GAR



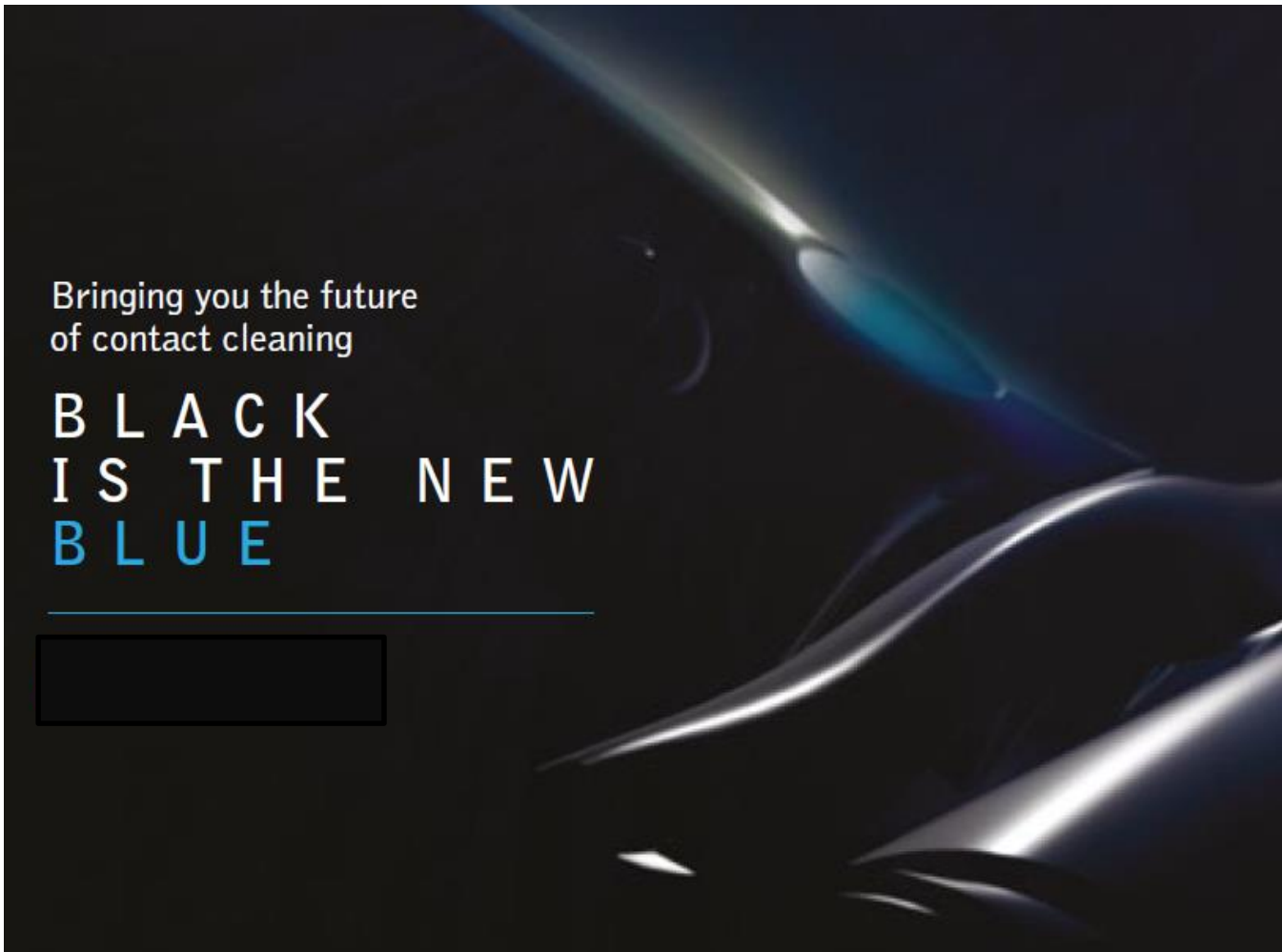
3



Ground Pathways

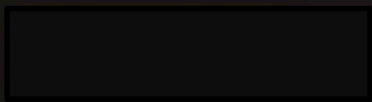


An ITW Company



Bringing you the future
of contact cleaning

**B L A C K
I S T H E N E W
B L U E**



WORLD LEADER IN CONTACT CLEANING

www.teknek.com



An ITW Company



teknek **gold**

WORLD LEADER IN CONTACT CLEANING

www.teknek.com

Contact Cleaning

- Teknek invented Contact Cleaning over 30 years ago
 - Its unique in house formulations for adhesive and cleaning rollers are still the best available
- Teknek technology has saved industry over \$3b
- An extensive R&D effort coupled with changing market needs has lead to a development of NT™ and GAR.

Black is the new **Blue**

Target Sectors

SMT

- Automotive, High End consumer electronics, aerospace, defence and automotive LED lighting

Display

- High End Mobile Phone
- Tablets
- TV's
- Monitors

Customer wish list?

- Clean better
- Low static charge
- Meets sector standards
- Leaves no trace
- Cleans without damage
- Faster processing
- Process thin substrates
- Durability
- Product remains clean

NT™ & Low Static adhesive



- NT™ & Teknek Low Static Adhesive Technology, is patented and trademarked
- A new elastomer with Teknek Low Static Adhesive provides the best cleaning available on the market, and Low Static Cleaning.
- Low Static Cleaning is available in all new Teknek machines.
- Put Teknek NT™ and GAR inside your existing machine – “Teknek inside”

“The - System”

1



new technology



2



GAR



3



Ground Pathways

1 - Features of NT™ Roller

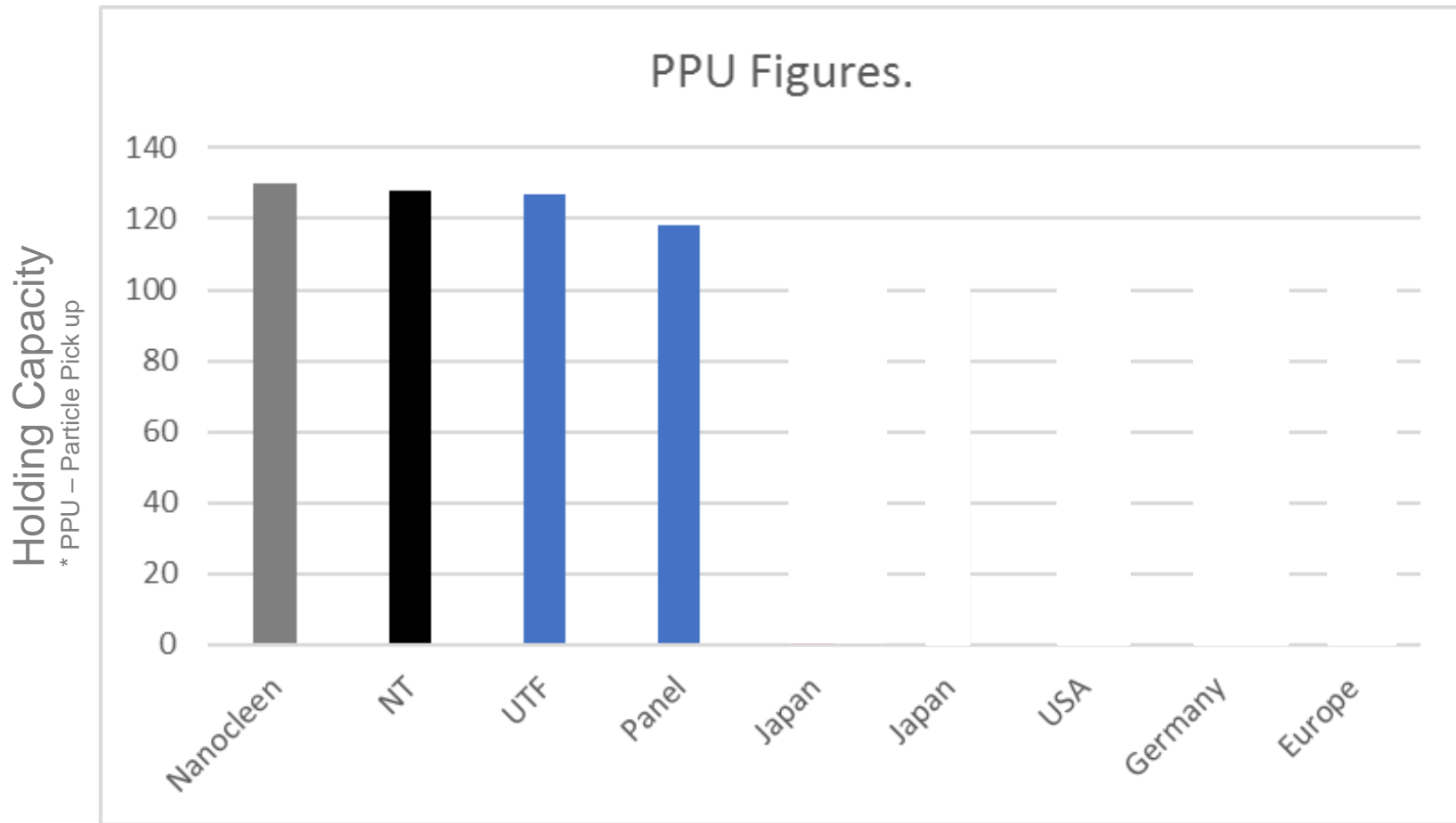


1. Cleaning Performance
 1. Market Leader
2. Dissipates static
 1. Fully tested static dissipation complies to standards
3. Tougher
 1. Stronger, hard wearing compound
4. No Leaching
 1. Touch all substrates without issue
5. Low Applied Pressure
 1. Clean without damage

1 Cleaning performance



An ITW Company



* 8-10 micron calibrated Tungsten particles

Charge plate monitor



An ITW Company



An ITW Company

Market Technology Demands



- Low static environment around the adhesive roll
- Silicone free products
- System to work with all rollers

New Teknek Innovation



GAR – Gold Adhesive Roll



GAR - Gold Adhesive Roll – the new Teknek Standard

Features of GAR

1. Conductive
 1. Complies with standards
2. Silicone free
 1. Unique properties without using silicone
3. Best PPU available
 1. Holds more than others
4. No Transfer
 1. International test procedures used to verify

1 Conductive

Standards:-

ANSI ESD s20.20 2014

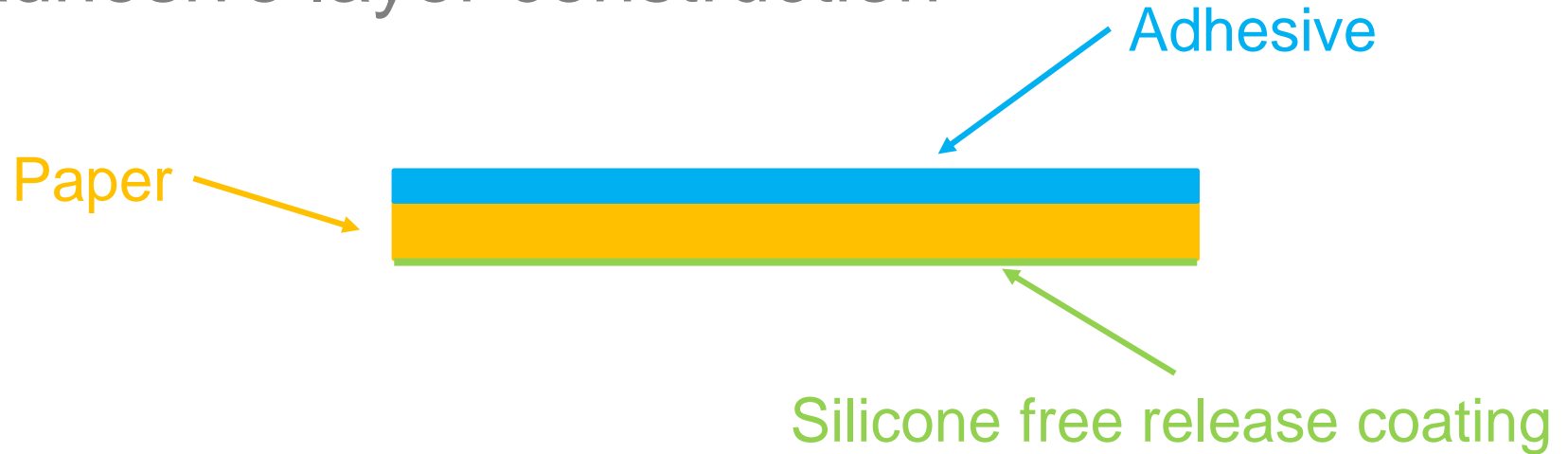
IEC 61340-5-1 2016

States:-

Charge on roller to be $< 100v$

2 Silicone Free

Adhesive layer construction



- Samples are available
- Data Sheets are available