

Teknek Cleaning Roller Range

Technical Data Sheet - January 2023



General Information

Logo

Country of Origin (COO)

Performance

Cleaning Efficiency

Particle Size Range

Leaching/Bleeding

Process Compatibility

Adhesive Roll Compatibility

Static Dissipation

Thin film capability

Silicone Free

Halogen Free

Quality

Quality Manufacturing

Traceability

Quality Management System

IEC Standards

ROHS3

REACH (SVHC 2020)

ntclean	
	Made in Scotland, UK
★★★★★	0.1µm to 4mm
None	
All Teknek Adhesives	
★★★★★	over 10µm
No	
Halogen-Free	
ISO 6123 Class A	
100%	
ISO 9001 - 2015	
Compliant	
Compliant	
Compliant	

nanoclean	
	Made in Scotland, UK
★★★★★	20nm -3mm
None	
AREF	
★★★★	over 10µm
Silicone-Free	
Halogen-Free	
ISO 6123 Class A	
100%	
ISO 9001 - 2015	
Compliant	
Compliant	
Compliant	

utfclean	
	Made in Scotland, UK
★★★★★	0.1µm to 5mm
None	
All Teknek Adhesives	
N/A	over 10µm
No	
Halogen-Free	
ISO 6123 Class A	
100%	
ISO 9001 - 2015	
Compliant	
Compliant	
Compliant	

panelclean	
	Made in Scotland, UK
★★★★★	0.1µm to 5mm
None	
All Teknek Adhesives	
N/A	over 200µm
No	
Halogen-Free	
ISO 6123 Class A	
100%	
ISO 9001 - 2015	
Compliant	
Compliant	
Compliant	

gntclean	
	Made in Scotland, UK
★★★★★	0.1µm to 4mm
None	
All Teknek Adhesives	
★★★★★	over 100µm
No	
Halogen-Free	
ISO 6123 Class A	
100%	
ISO 9001 - 2015	
Compliant	
Compliant	
Compliant	

Additional Information

Using calibrated Tungsten powder
Can be larger or smaller depending on particle type
Using FTIR method

Compounds comply with ANSI/ESD S20.20-2014. Static dissipation of cleaning core

ISO Certified
All parts & processes are tracked
ISO Certified
IEC 61249-2-21
EU - Directive 2015/863
EU - EC/2006/1907

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Specs



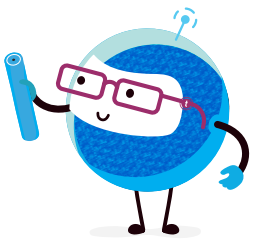


Base Material
Shore A
Straightness
Surface Resistance
Abrasion Resistance

Chemical Resistance

Water
IPA
Solvents & other chemicals

Storage

Recommended Storage Temp
Max Contact Temp
Relative Humidity
Guarantee

	ntclean	nanocleen [®]	utfclean	panelclean	gntclean
Base Material	Silicone	Polyurethane	Silicone	Silicone	Silicone
Shore A	55 ± 5	60 ± 5	30 ± 5	30 ± 5	40 ± 5
Straightness	±0.1mm/m	±0.1mm/m	±0.1mm/m	±0.1mm/m	±0.1mm/m
Surface Resistance	< 1 x 10 ⁹ Ω	< 1 x 10 ⁹ Ω	N/A	N/A	< 1 x 10 ⁹ Ω
Abrasion Resistance	< 0.01	< 0.04	< 0.06	< 0.02	< 0.01
Water	No change	No change	No change	No change	No change
IPA	No change	No change	No change	No change	No change
Solvents & other chemicals	Not recommended	Not recommended	Not recommended	Not recommended	Not recommended
Recommended Storage Temp	25°C	25°C	25°C	25°C	25°C
Max Contact Temp	125°C	125°C	125°C	125°C	125°C
Relative Humidity	40 - 60%	40 - 60%	40 - 60%	40 - 60%	40 - 60%
Guarantee	12 Months	12 Months	12 Months	12 Months	12 Months
					

Additional Information

Ensure total contact with the surface to be cleaned
 Tested before surface modification
 Taber Test ISO 5470-1

Only use Tekwipes and Roller Doctor for roller maintenance

From date of dispatch, subject to T&C's

Why not let the Tekkies explain which roller is best for you.
 Download our Roller Selector on our website [teknek.com](https://www.teknek.com) or [click here.](#)

[Download >](#)