

Teknek Cleaning Roller Selector - Quick Guide



Contact Cleaning technology effectively and reliably removes small unattached particles from materials in high-end industrial processes.

Teknek's elastomer rollers form part of the IP protected Teknek Cleaning Core (adhesive and cleaning roller) that removes particles ranging from 5mm down to 20nm.

Many of today's applications have competing requirements of cleaning performance and processing capability. The right cleaning roller is often an informed compromise.

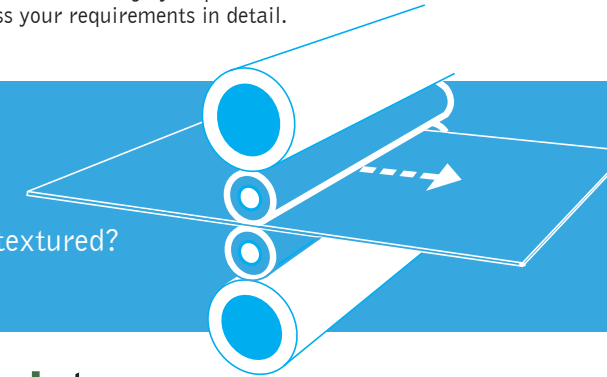
This guide is designed to highlight differences across our range of elastomer rollers and help you identify the cleaning roller that is likely to be best suited for your application.

No process is identical and that's why we always recommend you speak to one of our highly experienced application insiders to discuss your requirements in detail.

How to find the right cleaning roller – A seven question guide:

Is what you want to clean:

- 1) A single sheet or a moving web?
- 2) Rigid or flexible?
- 3) Thinner than 100 microns?
- 4) Silicone sensitive?
- 5) Static sensitive?
- 6) In a vacuum chamber?
- 7) Smooth or textured?



p panelclean

Our original elastomer formula, trusted by customers across the world. Panelclean is the first roller specifically engineered for cleaning and is our most versatile allrounder.



Formula & Finish:	Original Formula – Smooth
Profile & Colour:	Best Allrounder – across range – Blue
Particle size range	0.1µm -5mm
Thin material capability (material dependent)	Over 200 µm
Typical life expectancy (process dependent)	12-24 months



n nanoclean®

Silicone-free elastomer formula that reliably cleans what others leave behind, down to nano-particle sizes. Independently proven to be silicone-free.



Formula & Finish:	Silicone-Free Formula – Textured
Profile & Colour:	Nano particles, silicone free – Light grey
Particle size range	20nm-3mm
Thin material capability (material dependent)	Over 10 µm
Typical life expectancy (process dependent)	12-24 months

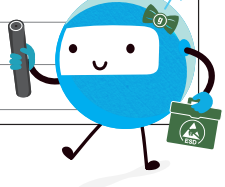


g gntclean

Dissipative elastomer formula for low static board cleaning as part of a Teknek system. The future of particle removal. Complies with ANSI/ESD s20.20.

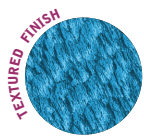


Formula & Finish:	Dissipative Formula – Smooth
Profile & Colour:	Low static – Anthracite
Particle size range	0.1µm - 4mm
Thin material capability (material dependent)	Over 100 µm
Typical life expectancy (process dependent)	12-24 months

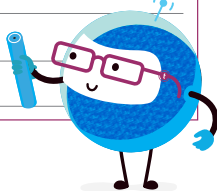


t utfclean

Original elastomer formula with patented textured surface, utfclean rollers are the best performing allrounder for handling thin materials.



Formula & Finish:	Original Formula – Textured
Profile & Colour:	Best Allrounder – thin materials – Blue
Particle size range	0.1µm - 5mm
Thin material capability (material dependent)	Over 10 µm
Typical life expectancy (process dependent)	12-24 months

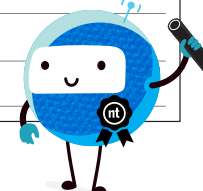


nt ntclean

Dissipative textured formula for low static cleaning as part of a Teknek system. Best for cleaning thin materials in static sensitive processes. Complies with ANSI/ESD s20.20.



Formula & Finish:	Dissipative Formula – Textured
Profile & Colour:	Low static – thin materials – Jet Black
Particle size range	0.1µm - 4mm
Thin material capability (material dependent)	Over 10 µm
Typical life expectancy (process dependent)	12-24 months

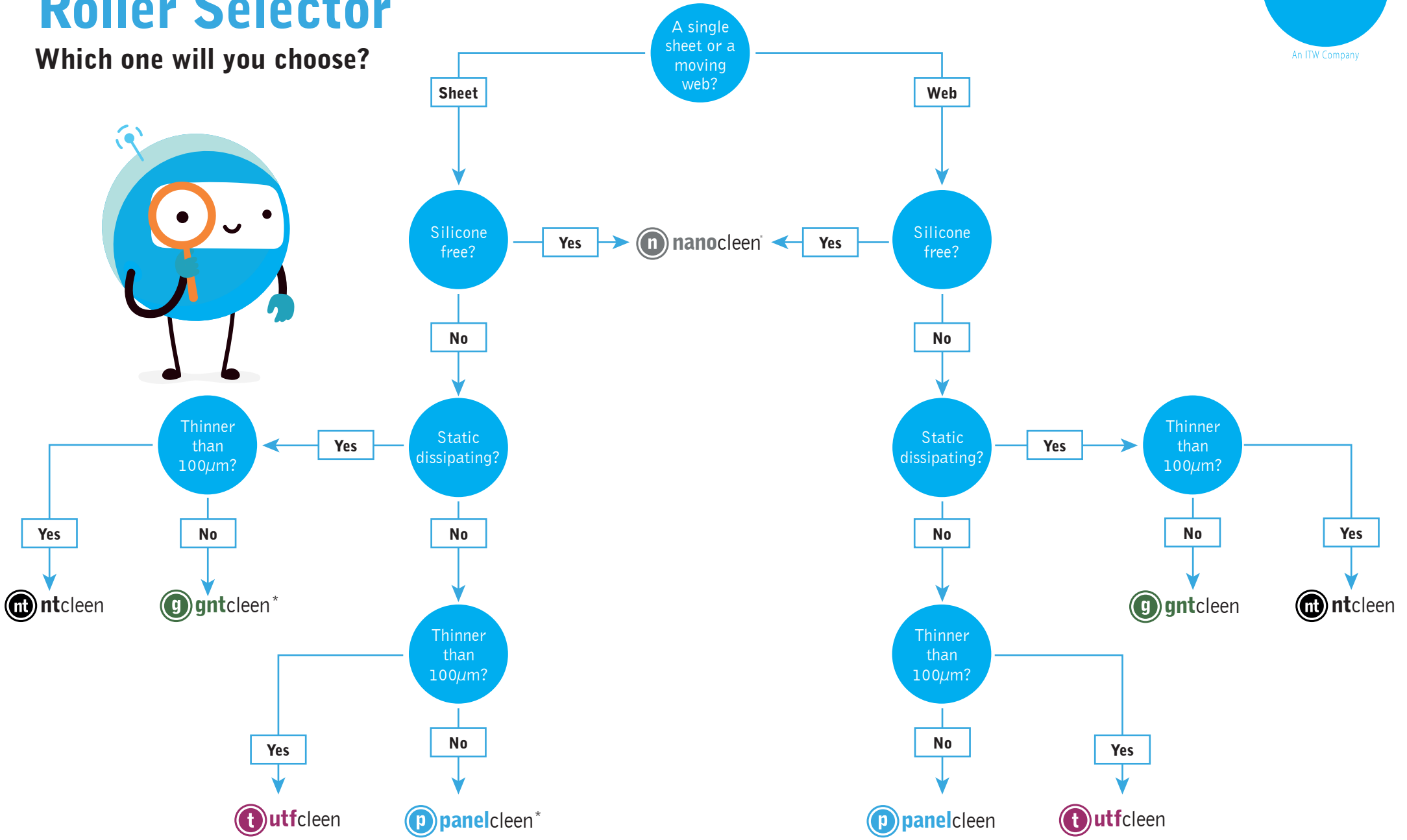


Contact us today to discuss your process and requirements in more detail!

For further technical information on Teknek's roller range, visit our website teknek.com.

Roller Selector

Which one will you choose?



* Note: Sheet rigidity needs to be considered.