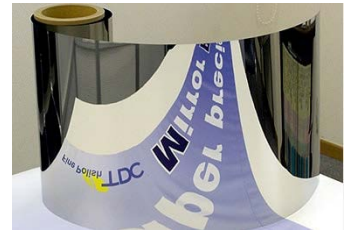


Super Precision Long Foil Polishing

**Workpieces over 100 meters in length
Realize roughness in nano-level**

What is Super Precision Foil Polishing?

TDC developed a polishing system for polishing foils achieving Nano surface with 100M length.



Why Super Precision Foil Polishing?

Precisions	Ra1 nm, Rz6 nm
Low cost	This foil will help you simplify your post-step process and realize a cost down.
Handy	By polishing the foil continuously, we can provide a mirror polished foil in the length you desire.
Usage	Device processes for Roll to Roll, Fine film deposition process, and others.

Specification

TDC developed a special machine specifically for long foils.
It continuously supplies foil to the lapping machine for polishing.
After the polishing, it automatically rolls them up again.

- Ra1 nm, Rz6 nm (case: SUS304)
- Width up to 270mm, length to your request.

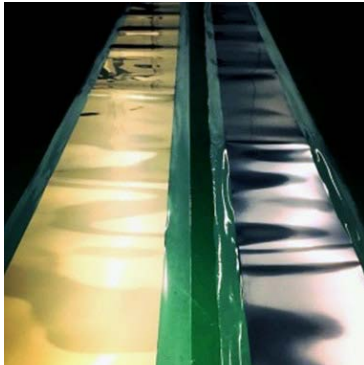
(Width up to 300mm, please contact us.)

Material

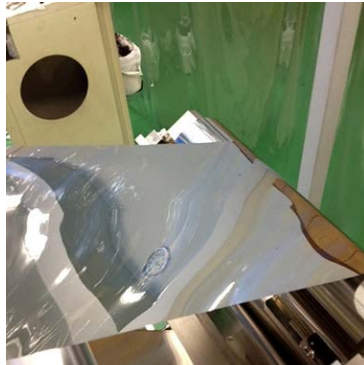
SUS304, brass, Nickel

We continue to enhance the range of processing materials.

We will process not only long but also foils in any shape, size and thickness on your request.



Realized surface roughness of Ra1 nm on long foils of brass and stainless steel !!



TDC developed a special machine just for long foils.
It continuously supplies foil to the lapping machine to polish.
After the polishing, it automatically rolls it up again.



TDC also polish any shapes of foils you request as well as long foils.
Available thickness is 0.001mm ~ .

Processing Accuracy

Ra1nm, Rz6nm(SUS304)

- From one piece to large scale production
- From material procurement to all processing processes
- For more information on delivery time, price and other specifications, please contact us as follows

Contact Us



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