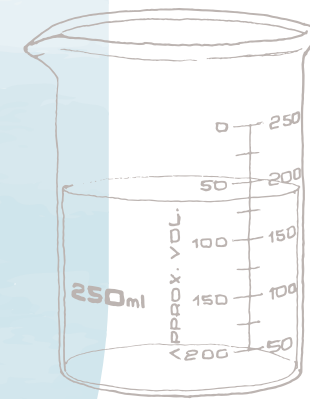


what is AcroPlating® ?

AcroPlating® technology eliminates the use of hazardous substances such as cyanide, chromium, and selenium.¹ This low environmental impact process also conserves water and electricity, reduces greenhouse gas emissions, sludge generation and improves working environment.



countries with AcroPlating® technology capabilities

as of July, 2024



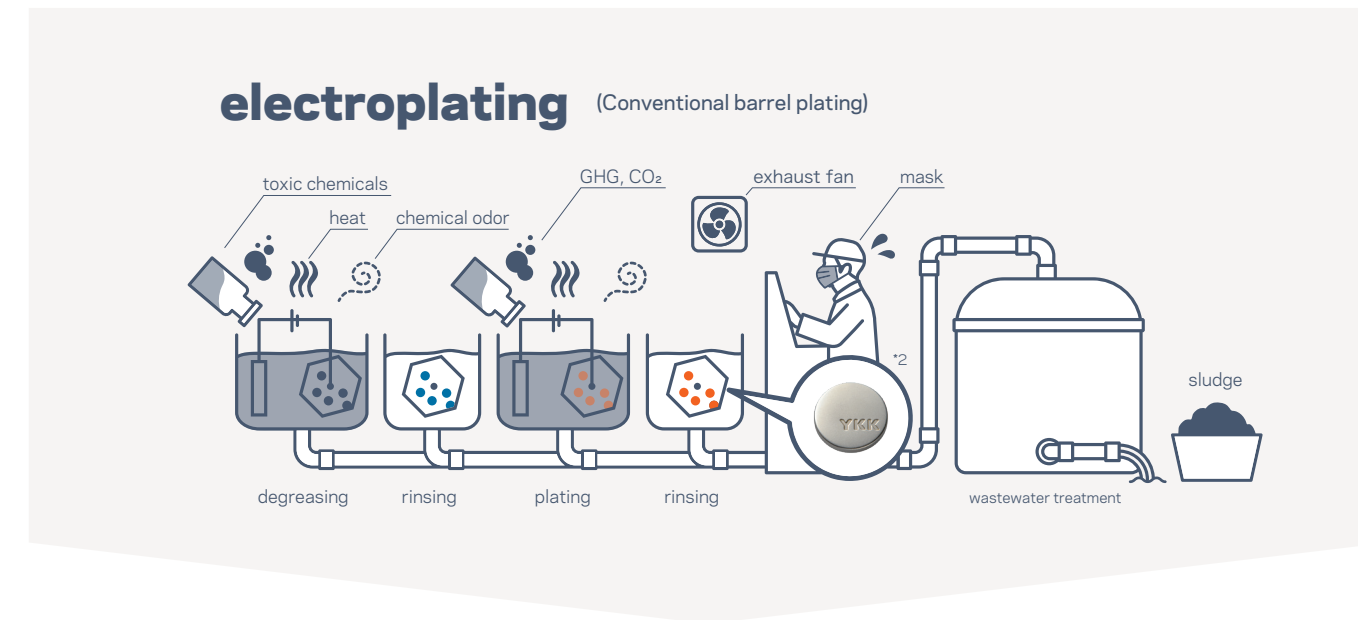
development background

Plating is used to color fasteners and buttons beautifully and help improve durability, making this surface treatment technology indispensable for YKK. But on the other hand, conventional plating has problems, such as using chemicals containing cyanide and chromium that are harmful to the human body or other living organisms and consuming large amounts of water and electricity.

YKK has taken measures to gradually reduce the amount of plating chemicals used; in 2015, the company rethought conventional electroplating from scratch and began developing technologies for plating processes that do not use any of the toxic substances used in conventional plating, such as cyanide, chromium, and selenium.

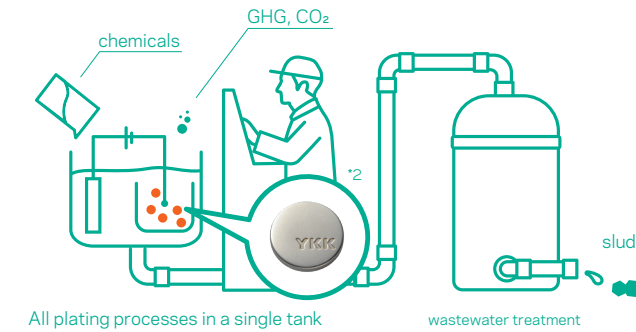
01 plating process

Note: These illustrations are schematic diagrams to clearly show the differences in the processes in an easy-to-understand manner and may differ from the actual ones.



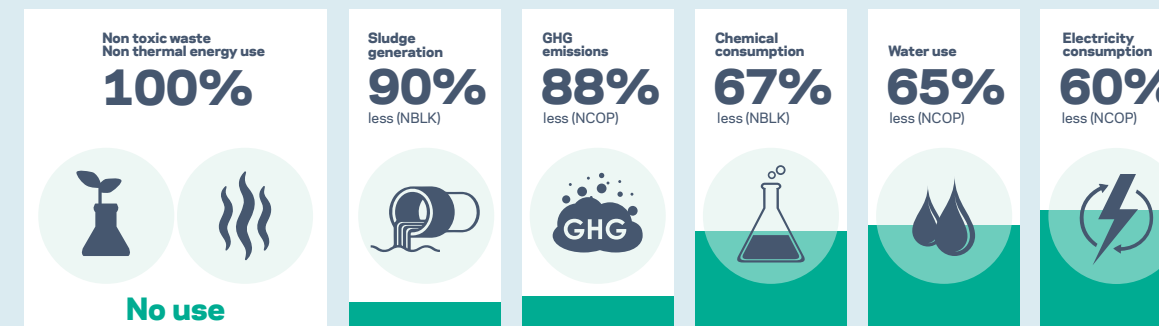
No heat source is used

- ✓ Reduce worker strain
- ✓ Improve the work environment in the manufacturing process



environmental impact reduction³

from the Peterson report:
YKK Zipper (Shenzhen) Co., Ltd. Brass Product



PETERSON An environmental impact assessment conducted by Peterson Projects & Solutions and verified by Control Union Certifications shows that fewer resources are used as compared to YKK's conventional electroplating and polishing processes. The stated savings are a maximum value based on comparisons between the conventional processes and AcroPlating® technology. PETERSON with design is a trademark of P.S.O. Beheer B.V.

For more information about AcroPlating®, scan the QR code here.



02 color variations²

Note: The available colors vary by item. For more information, please contact your local representative. The black color of brass and stainless steel differs slightly.



03 item variations

Note: The available products vary by country of production. For more details, please contact your local representative.

Item type	Item code	
	Top part	Under part
[Jeans button]	JM10, JM42, JM80, JM82 JX10, JX80, JX82 JM1P, JMS1P JF10, JF80	— TC80 (Cap only) — —
[Rivet & Burr]	RT40, RT41, RT42, RT50, RT70, RD	TC40 (Cap only)
[Snap button]	Cap	SW35, SK35, SKN30, SK3X, DUP

Item type	Item code	Item type	Item code
[Eyelet washer]	#200, #300, #500, #600, #700	[Hook & Eye]	HU10

¹ At YKK, all harmful substances and wastewater used or generated during plating operations are processed and disposed of in accordance with applicable environmental and other laws and regulations.

² The color tones in the photos may differ from the actual product colors.

³ Comparison of environmental impact of AcroPlating® technology and conventional methods for brass button shells. The target surface treatment is shown in parentheses.

sustainability vision 2050

- Achieve Climate Neutrality and Coexistence with Nature -



climate change

■ Develop business activities to combat and respond to climate change

To combat global climate change, YKK commits to GHG emissions reduction targets to achieve climate neutrality by 2050 and support the Paris Agreement, which seeks to limit global warming to 1.5 °C above pre-industrial levels. Additionally, YKK will adapt to climate change and respond by developing stable business activities.



material resources

■ Achieve manufacturing that increases the sustainable use of resources

In the Fastening Business, we will reduce the environmental impact of the products that we make and the packaging that we use, and shift to sustainable materials, in order to reduce waste and the use of petroleum derived materials throughout the lifecycle of our products. We will help achieve a circular society, protect ecosystems, and engage in enriching activities.



water resources

■ Achieve sustainable use of water

With the goal of sustainable water usage, reduce the load on local communities and ecosystems by reducing water intake and strengthening wastewater management according to regional circumstances.



chemical management

■ Management and reduction of chemical substances

We will work to minimize the impact on the natural environment and people by appropriately managing and reducing the amounts of chemical substances we used to help ensure a healthy environment for future generations.



respect people

■ Upholding human rights and ensuring fair, safe work environments

YKK believes in the universal philosophy of respecting the dignity and rights of all human beings and is committed to contributing to a diverse and sustainable society.

YKK sustainability vision 2050

■ <https://www.ykk.com/english/csr/vision.html>

For more information about YKK sustainability vision 2050, scan the QR code here.



AcroPlating®

the technology beyond conventional plating

YKK's innovative technology significantly reduces environmental impacts of metal plating. Life Cycle Assessment confirms the elimination of harmful substances.

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Jan. 2025 Y

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