

# eco-friendly products



climate  
change



material  
resources



water  
resources



chemical  
management

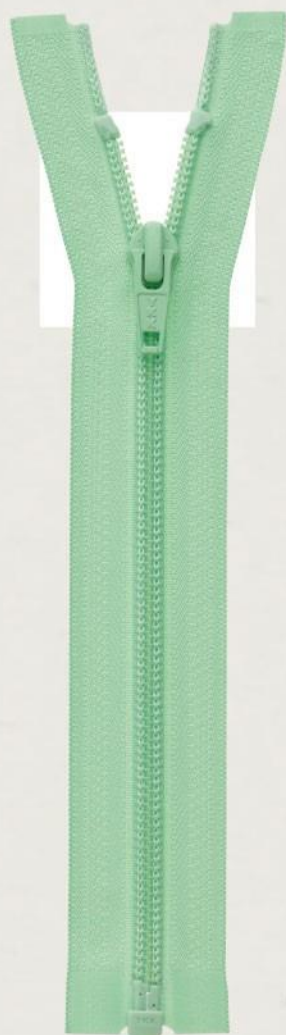
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# bio-based

Drawing from nature GreenRise® zippers help reduce CO<sub>2</sub> emissions by using PET made from plants. The production of this bio-based polyester emits less greenhouse gases than polyester made from petroleum while creating new uses for agricultural waste. Indistinguishable from zippers made of virgin polyester, GreenRise® offers YKK quality and performance with a lower carbon footprint.



## GreenRise®

Bio-based zipper using polyester partly made from plant-derived materials\*.



\* Polyester with 30% plant-derived materials is partly used.  
Please contact YKK representative for details.





# bluesign® approved

bluesign® approved products meet one of the highest standards for sustainable production. Products approved by bluesign® ensures that less harmful substances or processes were used in its production. Every chemical and process are reviewed and evaluated by bluesign® to ensure that they meet one of the highest standards for safety and environmental impact.

**bluesign®**  
**APPROVED**

Certain conditions must be met for bluesign® approved products.  
Please contact your nearest YKK office for bluesign® approved product inquiries.



## bluesign® Approved Zipper

Zipper that meets certain conditions set by bluesign®.



## bluesign® Approved Plastic Parts

Plastic parts that meet certain conditions set by bluesign®.



# circularity

Designed to be reused or remade, YKK circular products help to enable the circular economy. Breaking the conventional "Take, Make, Waste" linear economic system these products can be reused or remade into new products keeping valuable resources in use. The use of YKK circular products not only save valuable resources but also reduce CO<sub>2</sub> emissions and energy use as they continually get remade or reused.



## VISLON® Nylon, Mono-plastic Material

Designed to be remade, all parts are made of nylon\* for the ease of recycling.

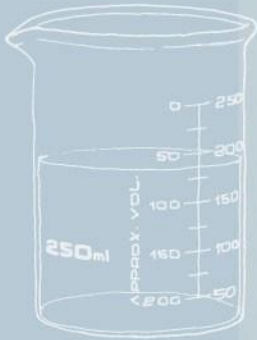


\* Includes multiple types of nylon. Some zipper parts contain materials other than nylon. Please contact YKK representative for details.





# eco-friendly metal finish



YKK eco-friendly metal finishes offer an environmental sound alternative to traditional electro-plated metal finishing. Requiring less water and energy, and eliminating the hazardous chemicals used by conventional plating process, YKK's eco-friendly metal finishes achieve the same appearance as conventional plating.

\* 1 YKK's wastewater treatment and discharge are compliant with all local standards and legal regulations.



## Eco-friendly Finish

Sustainable surface finishing that leverages chemical conversion treatment to make the most of the characteristic color of the base material.



## AcroPlating® Finish Technology Products

YKK developed AcroPlating® finishing technology, an innovative technology that does not require the use of hazardous substances, such as cyanogen and chromium. This new, sustainable finishing process also conserves water and electricity and reduces greenhouse gas emissions.



# natural fiber

Natural fibers provide a renewable and sustainable source of material for the textiles used in zippers. YKK zippers with natural fiber woven tapes help to eliminate the CO<sub>2</sub> emissions associated with the production of synthetic textiles. These plant-based materials are renewable and can be grown regeneratively helping to reduce resource depletion and contributing to a healthier environment.



## Lyocell Zipper from TENCEL™ Fibers

Utilizing botanic origin TENCEL™ fiber, which is extracted from the raw material wood\*.



## Organic Cotton Tape Zipper

YZiP® using GOTS certified organic cotton yarns for zipper tape\*\*.



\* Utilizing lyocell fiber for 94% of zipper tape by weight.

\*\* Ratio of organic cotton in zipper tape varies by product. Please contact YKK representative for details.





# non plated



YKK's un-plated metal snaps allowing the natural color of the metal to show through, eliminating the need for plating or finishing. These aluminum and stainless-steel metal snaps allow the natural beauty of the material to shine without requiring an additional processing. They offer an eco-friendly alternative to traditional Electro-plated finishing.



## Stainless Steel Snaps, SNAPET® & Jeans Button Bodies



Stainless steel items are made of stainless steel and do not require plating. Stainless steel has better corrosion resistance than items made of brass.



## Aluminum Snaps & Jeans Button Bodies



These aluminum items also do not require silver plating. The light weight of aluminum is also an appealing characteristic.



# recycled



YKK has long understood the environmental benefits of recycled materials. With lower CO<sub>2</sub> emissions, reduced energy, and water usage compared to zippers made from virgin material, YKK NATULON® products offer the YKK quality and performance with much lower environmental impacts. Since creating our first NATULON® recycled zipper in 1994, we are constantly expanding the NATULON® collection to offer these benefits to an ever growing range of products.



## NATULON® Mechanically Recycled

Made from recycled materials such as PET bottles using mechanical recycling technologies.



## NATULON® Chemically Recycled

Chemically recycled polyester (pre consumer) tape, it is perpetually recyclable.



## NATULON Plus™

With both recycled teeth and tape NATULON Plus™ offers the highest ratio of recycled materials of YKK's NATULON® collection.



## NATULON® Ocean Sourced™

Helping address the challenge of marine plastics, NATULON® Ocean Sourced™ is made from ocean bound plastic collected from waterways and beaches.



## SOFIX® NATULON®

Material recycled polyester (post consumer) tape.



The recycled material ratio of NATULON® varies depending on the product, Please contact the YKK representative for details.





# water saving

Water is a valuable resource and YKK takes conserving it seriously. To combat water depletion and degradation, YKK has developed new production processes and products to help reduce water usage. New processes like ECO-DYE® waterless dyeing help to reduce the amount of water used in the zipper dyeing process to almost zero.



## ECO-DYE® Dyeing Technology Zipper

Innovative waterless dyeing technology to dye zippers.



## Solution Dye Black Zipper

Using a yarn colored when extruded, it eliminates the dye process which saves water.



## No Dyestuff Zipper

Made of undyed materials, this natural color zipper eliminates the dyeing process and its water needs.

