



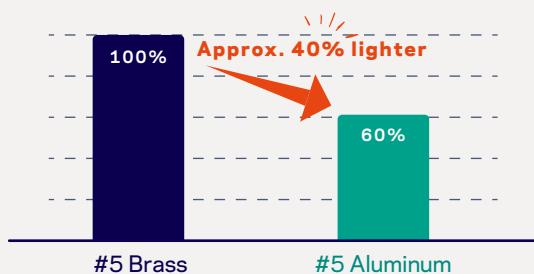
# Aluminum Alloy Zipper

-100% Low-carbon Aluminum-

**YKK**™

Little Parts. Big Difference.»»

# Aluminum Alloy Zipper - 100% Low-carbon Aluminum -



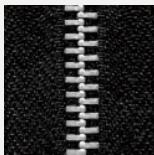
## lightweight

Size 5, 60cm open-end:

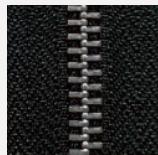
Approx. 40% lighter than a standard brass zipper.

## finish Variation -Variations for Aluminum Alloy Zipper.

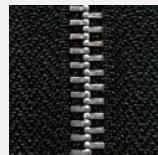
\*Please note the tones in the pictures may appear different from those of actual samples due to printing conditions/limitations.



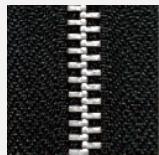
[1] Silver  
[2] Silver(Anodized)



Antique Silver



Shiny Antique Silver



Shiny Aluminum

## availability

\*Please contact our sales office for details on the availability.

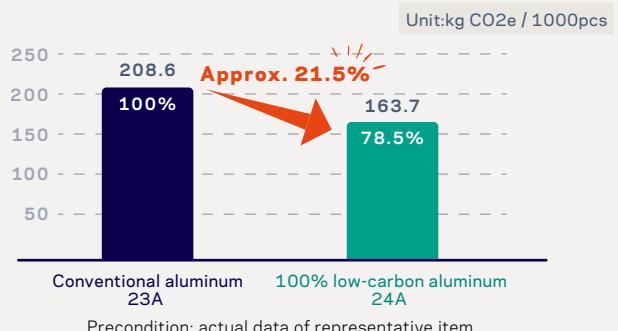
Size	Chain Type					Classification			
	[1]Silver	[2]Silver (Anodized)	Antique Silver	Shiny Antique Silver	Shiny Aluminum	Close	Open	Two-Way	Chain
3	-	YARN	YARTH	-	-	○	-	-	-
3	MA	-	MATH	-	-	○	○	-	○
5	RA	RAN	RATH	RASTH	RAS	○	○	○	○
8	MA	-	MATH	MASTH	MAS	○	○	○	○
10	MA	-	-	-	-	○	○	○	○

## GHG emissions reduction with 100% low-carbon aluminum

YKK's Aluminum Alloy Zippers use low-carbon aluminum <sup>(1)</sup> that is smelted using renewable energy sources, such as hydropower. We are working on effective resource utilization and reduction of GHG emissions by utilizing low-carbon aluminum, which is a decarbonized raw material.

<sup>(1)</sup> The aluminum smelting process requires a large quantity of electricity and emits different amounts of carbon dioxide depending on the power source used.

The emissions of the low-carbon aluminum to be used for this initiative will be less than 4 metric tons of CO<sub>2</sub> per ton of aluminum ingots produced, as it uses renewable energy as the power source. This significantly reduces CO<sub>2</sub> emissions compared to using electricity generated from fossil fuels such as thermal power.



Precondition: actual data of representative item

CFP (Carbon Foot Print) : in case of No.5 Silver (A/AN) 60cm Open-end (23A/24A)

- The reduction ratio was calculated at YKK based on GWP100 verified by SGS.

- Calculated based on ISO14067 (Cradle to Gate. GWP100)

## care Information

- Aluminum alloy zippers have the advantage of the lightweight properties of aluminum, but due to their nature, some precautions must be taken.
- Aluminum is sensitive to acids and alkalis. Please refrain from any post-processing such as stone wash, enzyme wash, acid wash, resin, over-dye, high-concentration bleach, alkali wash, or other washing processes that are chemically based. Please be sure to immediately and thoroughly rinse off any chemicals used in the finishing process.
- Aluminum is a soft metal and tends to be easily scraped by friction. Aluminum alloy zippers cannot be used in combination with copper alloy sliders such as GA and GS types.
- Please fully understand the special features and care instructions above before ordering in large quantities and conducting product tests. Product testing is strongly recommended.

 YKK CORPORATION

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