

ALUMINUM CONTAINERS CATALOG



NCD
CORPORATION

Your Eco Future-Friendly Solution

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INDEX

ABOUT ALUMINUM INDUSTRY

WASTE MANAGEMENT

ALUMINUM PRODUCTS

AIRLINE CONTAINERS

TAKE OUT SETS

COLOR SERIES

ROUND/OVAL CONTAINERS

SQUARE/RECTANGULAR CONTAINERS

CONTAINERS WITH DIVISIONS

CERTIFICATIONS

CONTACT US

Your Eco Future-Friendly Solution



THE ALUMINUM ADVANTAGES

Key Sustainability Performance Indicators for the Aluminum Industry

- Recycling one aluminum can saves enough energy to listen to a full album on your iPod. Recycling 100 aluminum cans could light your bedroom for two whole weeks.
- Aluminum containers are lightweight, stackable and strong, allowing brands to package and transport more using less material.
- Most of all, aluminum can be recycled over and over again in a true "closed loop" recycling process.
- Industry Recycling Rate
 - In 2019, the industry recycled 42.7 billion cans for an industry recycling rate of 55.9%.
 - Recycling aluminum saves more than 90% of the energy that would be needed to create a comparable amount of the metal from raw materials which is both a business and environmental win for the industry.
- Nearly 75% of all aluminum produced is still in use today.
- Believe it or not, a 10% increase in aluminum end-of-life recycling rates decreases industry greenhouse gas emissions by 15%.

CONSUMERS RECYCLE MORE ALUMINUM THAN ANY OTHER CONTAINER TYPE

46.1%
ALUMINUM

39.6%
GLASS

20.7%
PLASTIC (PET)

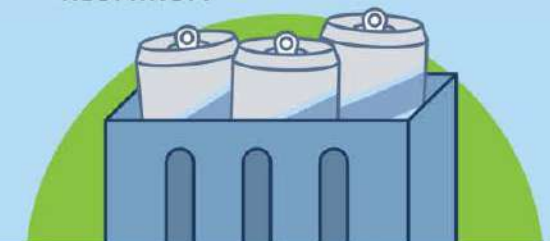


Learn more at [aluminum.org/CanAdvantage](https://www.aluminum.org/CanAdvantage)

MORE THAN 5 MILLION TONS OF ALUMINUM IS RECYCLED A YEAR

92%
ENERGY SAVINGS
BY RECYCLING
ALUMINUM

55.9%
INDUSTRY
RECYCLING RATE



Learn more at [aluminum.org/CanAdvantage](https://www.aluminum.org/CanAdvantage)

- **Recycled Content**

- Aluminum containers are unique in that they are most often recycled directly back into themselves meaning that they have a very high percentage of recycled content.
- Since it takes just 8% of the energy to produce aluminum from recycled material versus producing new aluminum, high recycled content is a good indicator of environmental footprint. The recycled content calculation includes metal from both post-consumer and post-industrial scrap sources and complies with ISO reporting standards.

- **Value of Material**

- Aluminum helps make municipal recycling programs possible. Many such programs rely on re-selling recycled material and the high value of aluminum in the recycling stream effectively subsidizes the recycling of less valuable materials in the bin.
- The report finds that aluminum scrap is worth \$1,210/ton on average versus \$237/ton for plastic (PET) and \$21/ton for glass. Without aluminum, very few curbside pickup programs would be financially viable.

ALUMINUM CONTAINERS CONTAIN MORE RECYCLED CONTENT THEN "NEW" ALUMINUM UP TO 73% OR MORE IS RECYCLED



Learn more at aluminum.org/CanAdvantage

HIGH VALUED ALUMINUM SCRAP MAKE RECYCLING POSSIBLE

\$1,210/TON
ALUMINUM

-\$21/TON
GLASS

\$237/TON
PLASTIC (PET)



Learn more at aluminum.org/CanAdvantage

THE ENERGY SAVED BY RECYCLING 100% OF THE ALUMINUM WE CONSUME



COULD POWER 4.1 MILLION HOMES FOR A FULL YEAR.

Learn more at aluminum.org/CanAdvantage

WASTE MANAGEMENT

Waste management is the key to solving our planet's pollution problem.

The most important question to be answered is;

Where do I dispose a product without harming our planet?











Here is our waste disposal guide:

	 LANDFILL (TRASH)	 HOME COMPOST	 INDUSTRIAL COMPOST	 RECYCLE BIN	 HOT WATER
WHERE TO DISPOSE	LANDFILL (TRASH)	HOME COMPOST	INDUSTRIAL COMPOST	RECYCLE BIN	HOT WATER
BAGASSE	✓	✓	✓	✓	✗
CORNSTARCH	✓	✓	✓	✓	✗
WHEAT STRAW	✓	✓	✓	✓	✗
PAPER	✓	✓	✓	✓	✗
PLA	✗	✗	✓	✗	✗
BIRCHWOOD	✓	✓	✓	✓	✗
BAMBOO	✓	✓	✓	✓	✗
GLASS	✗	✗	✗	✓	✗
RPET	✗	✗	✗	✓	✗
PVOH	✓	✓	✓	✓	✓
ALUMINUM	✗	✗	✗	✓	✗

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MORE ABOUT EACH PROCESS

For more information visit our website www.ncdcorporation.com

	PROCESS	DURATION	WHAT IT BECOMES
 LANDFILL (TRASH) 	The product will disintegrate because it is 100% natural and plastic free, it is landfill biodegradable.	30 to 180 days →	Gas & Leachate
 HOME COMPOST 	The product will decompose in a home composting environment at lower temperature than an industrial facility, it is 100% natural and plastic free.	30 to 180 days →	Organic fertilizer
 INDUSTRIAL COMPOST 	The product will not decompose in a home composting environment, it needs the higher temperature found at industrial facility, it is 100% natural and plastic free.	30 to 180 days →	Organic fertilizer
 RECYCLE BIN 	The product doesn't decompose in nature nor in industrial facility, it contains plastic or glass and the best way to dispose of is to recycle it.	Recycle process →	Paper, Plastic, Clothes, etc.
 HOT WATER 	The product dissolves instantly in hot water between 60°C and 90°C depending on the product.	Dissolves Instantly →	Water & Carbon Dioxide

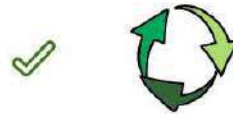
Always consult and follow your municipality waste management guidelines as it may differ depending on your location due to local laws and facilities.



OUR ALUMINUM PRODUCTS ARE:



100% Forever recyclable



made with more than 80% of recycled aluminum



Quimicals and Toxic free



Eco Future-Friendly





AIRLINE

MADE WITH MORE THAN
80% OF RECYCLED
ALUMINUM

100% ENDLESSLY
RECYCLABLE



AIRLINE CONTAINERS





AIRLINE CONTAINERS

AIRLINE



**MADE WITH MORE THAN
80% OF RECYCLED
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TAKE OUT SETS



MADE WITH MORE THAN
80% OF RECYCLED
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TAKE OUT SETS





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COLOR SERIE

MADE WITH MORE THAN
80% OF RECYCLED
ALUMINUM

100% ENDLESSLY
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COLOR SERIE FOR BAKING





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COLOR SERIE

MADE WITH MORE THAN
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COLOR SERIE FOR BAKING





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COLOR SERIE FOR BAKING





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COLOR SERIE FOR BAKING





ROUND CONTAINERS

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ROUND/OVAL CONTAINERS





ROUND CONTAINERS



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ROUND/OVAL CONTAINERS





SQUARE/RECTANGLE CONTAINERS





SQUARE CONTAINERS

MADE WITH MORE THAN
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SQUARE/RECTANGLE CONTAINERS





CONTAINERS



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CONTAINERS WITH DIVISIONS



NCD CORPORATION **CERTIFICATIONS**



100% ENDLESSLY RECYCLABLE



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