



DELLTechnologies

Solutions Designed for Sustainability

Dell Carrying Cases

Making a “case” for circular design.

Using innovative materials and processes to lower the environmental impact in carrying cases



Emissions Transparency ›

We disclose the emissions impact of Dell products, including the carrying cases.



Responsible dyeing process ›

Discover how a manufacturing process can help lower emissions.



Recycled Polyester ›

See how we use thoughtful materials to help reduce waste.



Ocean-bound plastic ›

See how we are diverting waste from oceans to recycle and reuse in our carrying cases.



From bag to box ›

See how we've improved the packaging for our carrying cases.



Emissions Transparency

Disclosing the Product Emissions Impact

Dell has now calculated the emissions impact of our EcoLoop carrying cases and is the first and only major PC brand that provides product carbon footprint data for carrying cases.¹

We are transparent about our emissions impact and want you to make a guided choice in product purchase.



Did you know?

Dell Pro 14-16 Plus EcoLoop Slim Backpack has a product carbon footprint of 6.67kgCO₂e which is equivalent to the average CO₂ emissions from less than 1 gasoline-powered passenger vehicles driven for one year.²

Product Carbon Footprint available for:

- Dell Pro 14-16 Plus EcoLoop Backpack
- Dell Pro 14-16 Plus EcoLoop Briefcase
- Dell Pro 13-14 Plus EcoLoop Briefcase
- Dell Pro 14-16 Plus EcoLoop Slim Backpack
- Dell Pro 15-16 Plus EcoLoop Slim Briefcase
- Dell 14-16 EcoLoop Backpack

View product carbon footprint information [here](#).

Responsible Dyeing Process

The textile industry is energy- and resource intensive, responsible for a large portion of global carbon emissions and industrial waste.³ Traditionally dip-dyed polyester fabrics are part of this problem.

Dip-dyeing is a water- and energy-intensive process that involves bathing the fabric in dyes, softening agents, leveling agents, emulsifiers, additives and other chemicals, leading to polluted waste water and emissions.

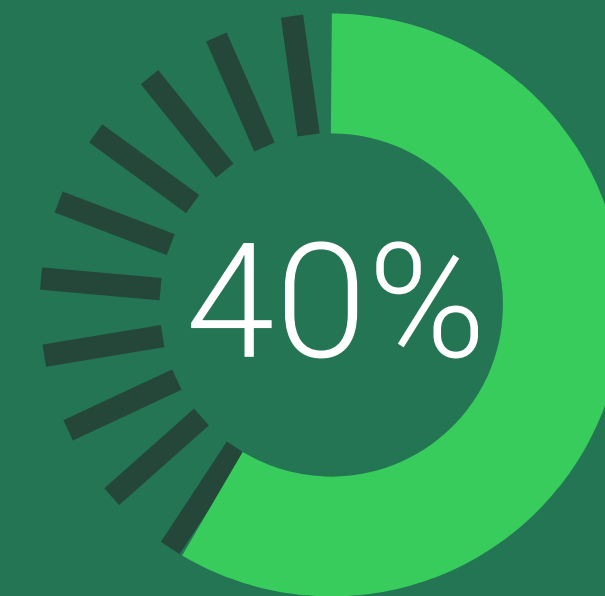
Solution-dyeing is an entirely different and more responsible way to color fabric. Coloring agents are mixed with the polyester pellets before they are extruded into fiber. This creates a consistently colored yarn, so no additional dyeing is needed.

What's the impact?

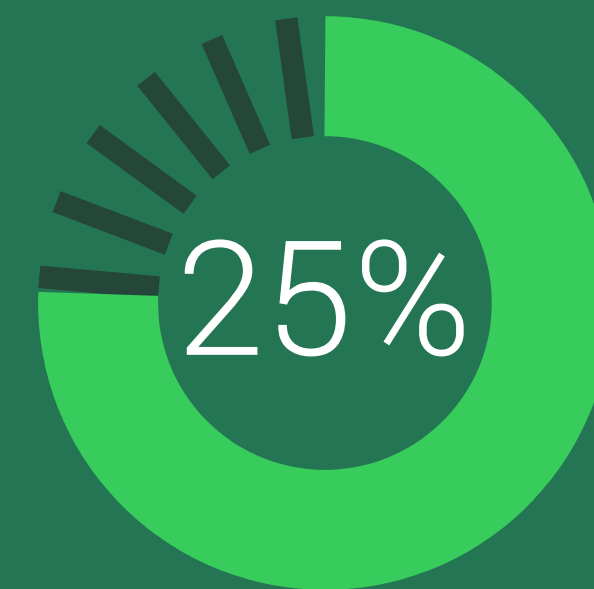
Our customers want contemporary, fashionable carrying cases that don't sacrifice the environment. EcoLoop helps us responsibly deliver carrying cases that are functional, stylish and sustainable. Not only does the solution-dyeing method have significant environmental benefits, it also contributes to greater color-fastness, as the thread is a uniform color throughout — not just a thin layer of adsorbed color.



Responsible dyeing process generates up to 97% lower impact on greenhouse gas emissions, 96% lower water impact, and 98% lower fossil fuel use per kg of material than traditional dye processes.⁴



The textile industry comprises 40% of global manufacturing.⁵



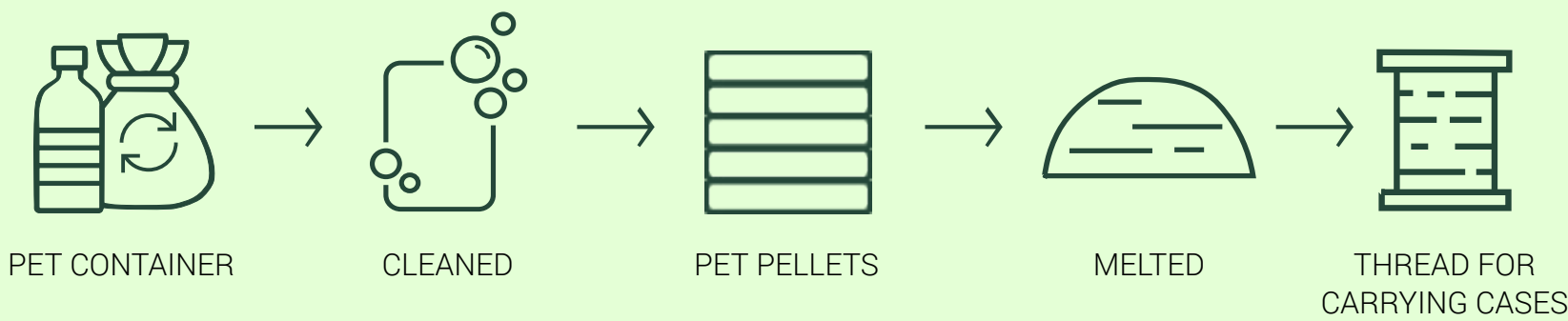
25% of all the chemicals manufactured worldwide are used in the textile industry.⁵

Dell EcoLoop™ Carrying Cases have diverted 182 metric tons of recycled plastic, equivalent to 19 million plastic bottles.⁷



Recycled Polyester

Dell works with certified vendors that recycle PET containers into fabric. PET bottles are cleaned, crushed into pellets, melted and transformed into thread to be woven into the carrying cases. Exterior fabric of select EcoLoop™ carrying cases use 100% recycled polyester.⁸



Did you know?

Compared to using virgin polyester, recycled polyester can generate up to:⁶

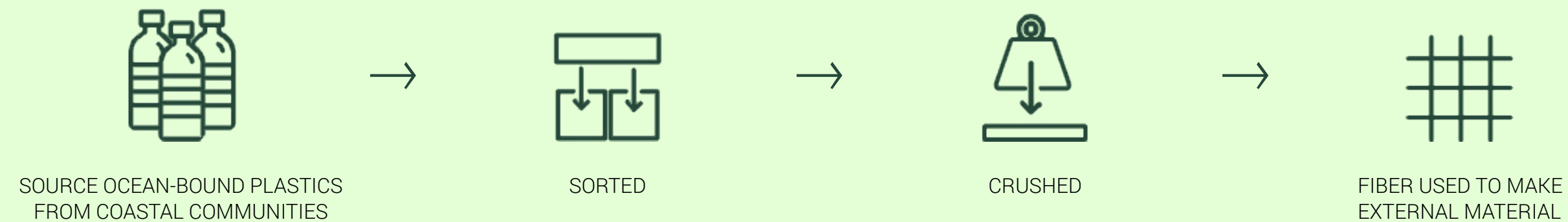
- 89% less fossil fuels
- 85% less water impact
- 70% less greenhouse gas emissions



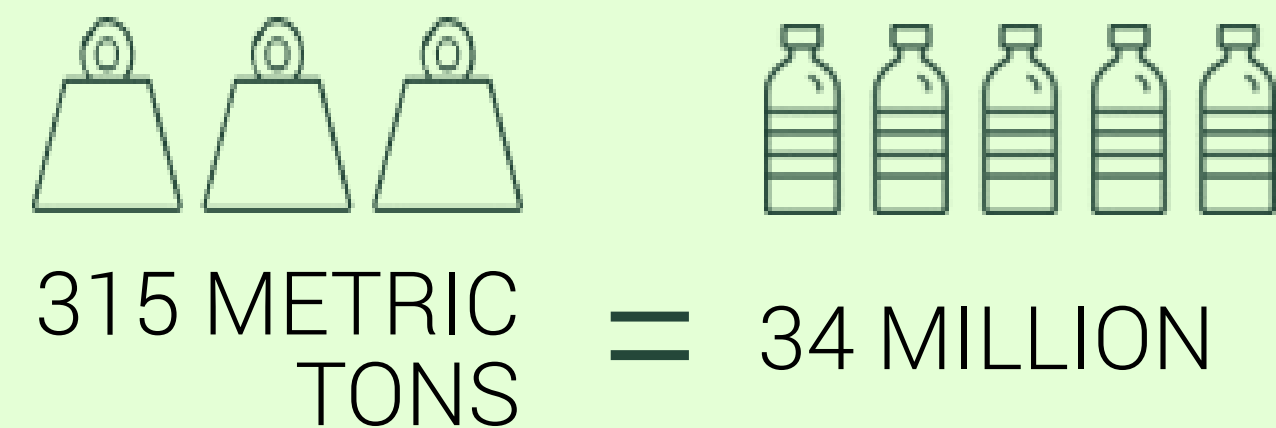


Ocean-bound plastic

Using waste as a resource while advancing sustainability, Dell works with a certified supplier that sources ocean-bound plastics from coastal communities. The collection process is completely traceable while adhering to high quality and creating honest social and environmental impacts. The plastic that is collected from the coast is sorted, crushed and extruded into fiber used to make the external material. Exterior fabric of select EcoLoop™ carrying cases uses 100% recycled ocean-bound plastic.⁹



Dell EcoLoop™ Carrying Cases have diverted 315 metric tons of ocean-bound plastic, equivalent to 34 million plastic bottles.¹⁰



Better Packaging

Dell is committed to reducing waste wherever possible. EcoLoop™ bags launching in 2025 will ship in 100% recycled or renewable packaging and eliminate the use of plastic bags in their packaging.¹¹



Disclaimers

1. Product carbon footprint data is available for select Dell carrying cases.
2. Based on internal analysis, February 2025. This product carbon footprint for the Dell Pro 14-16 Plus EcoLoop Slim Backpack was calculated using the ecoinvent v3.9.1 database and modeled using SimaPro v.9. Results shown here are subject to change as the software system is updated. The Greenhouse Gas Equivalencies Calculator was used to estimate gasoline-powered passenger vehicle emissions: <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>
3. <https://unece.org/trade/press/new-study-outlines-directions-more-transparent-and-sustainable-textile-value-chains>
4. These results were calculated using Higg MSI 3.6 available at app.worldly.io. They were calculated by Positive Scenarios Consulting, LLC and are not verified by Higg.
5. https://unece.org/fileadmin/DAM/uncefact/UNECE_Research_Paper_Traceability_for_Sustainable_Clothing_Nov_2017_FINAL.pdf
6. These results were calculated using Higg MSI 3.8 available at app.worldly.io. They were calculated by Positive Scenarios Consulting, LLC and are not verified by Cascale or Worldly.
7. Applies to Product launched January 2024. Based on internal analysis October 2023. Plastic bottle estimate assumes a 500ml plastic water bottle.
8. Exterior main fabric made from 100% recycled polyester fiber. Plastic bottle estimate assumes a 500 ml plastic water bottle.
9. Ocean-bound plastic is waste collected within 50 kilometers (30 miles) of an ocean coastline or major waterway.
10. Applies to Product launched January 2024. Based on internal analysis October 2023. Plastic bottle estimate assumes a 500ml plastic water bottle.
11. Based on internal analysis, February 2025. Applies to EcoLoop carrying cases launching in 2025.