

CIRCULAR SOLUTIONS FOR CARRYING CASES

What does a technology company have to do with fabric?

A lot when you produce the quantity of carrying cases Dell Technologies manufactures each year. As part of our shift to a more circular approach, even our backpacks and carrying cases are part of providing our customers with another option to support a sustainable future.

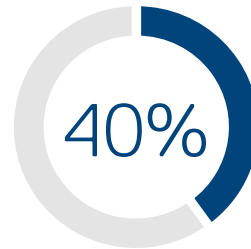


Responsible Dyeing Process

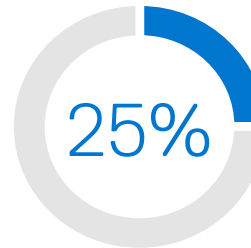
The textile industry is energy- and resource intensive, responsible for a large portion of global carbon emissions and industrial waste.¹ Traditionally dip-dyed polyester fabrics are part of this problem.

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 wastewater 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



The textile industry comprises **40%** of global manufacturing.²



25% of all the chemicals manufactured worldwide are used in the textile industry.²

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.

Responsible solution dyeing process generates:



up to **97%** less water impact, less greenhouse gas emissions, and fossil fuels compared to traditional dyeing processes.³



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.



Dell EcoLoop™ Urban Backpacks have diverted **12 metric tons** of recycled plastic, equivalent to **1 million** plastic bottles.⁴



Compared to using virgin polyester, recycled polyester can generate up to⁶:



85% less water impact



76% less greenhouse gas emissions



90% less fossil fuels



OceanCycle™ certified 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.⁵



Dell EcoLoop™ Pro Series has diverted **132 metric tons** of ocean-bound plastic, equivalent to **14 million** plastic bottles.⁵



SOURCE OCEAN-BOUND PLASTICS FROM COASTAL COMMUNITIES



SORTED



CRUSHED



FIBER USED TO MAKE EXTERNAL MATERIAL



Sustainable Packaging

Select Dell EcoLoop™ carrying cases come in packaging with 100% recycled content in the hang tag, hang loop and plastic bag.

¹ <https://www.unece.org/info/media/presscurrent-press-h/trade/2017/new-study-outlines-directions-for-more-transparent-and-sustainable-textile-value-chains/doc.html>

² https://www.unece.org/fileadmin/DAM/uncetact/UNECE_Research_Paper_Traceability_for_Sustainable_Clothing_Nov_2017_FINAL.pdf

³ 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.

⁴ Plastic bottle estimate assumes a 500 ml plastic water bottle.

⁵ Ocean-bound plastic is waste collected within 50 kilometers (30 miles) of an ocean coastline or major waterway.

⁶ 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.

At Dell Technologies, we are committed to driving human progress. This means using our technology, reach and people to create a positive, meaningful impact on humankind and the planet. Our Environmental, Social, and Governance initiatives and goals articulates how we will create a positive change through Advancing Sustainability, Cultivating Inclusion, Transforming Lives, and Upholding Ethics and Privacy.

Learn more at Dell.com/Sustainability



Join the conversation